

# NEW JERSEY STATE SURVEILLANCE

## Weekly Report for Week 26, 22 June – 29 June, 2003

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**Preface:** Data from 84 New Jersey light traps from all 21 counties are used to calculate trends in mosquito populations for species of nuisance or health concerns. Calculations are based on regional distributions, with emphasis on mosquito habitat and land use. Trends will allow a statewide evaluation of changing mosquito populations, in response to control and/or changes in habitat.

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Figure 1a: Map of ten regions selected for the New Jersey Surveillance Program overlaid with county borders.

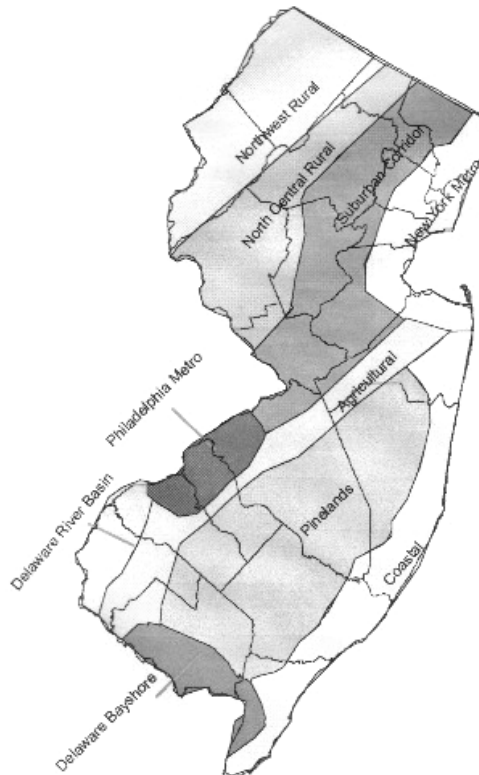
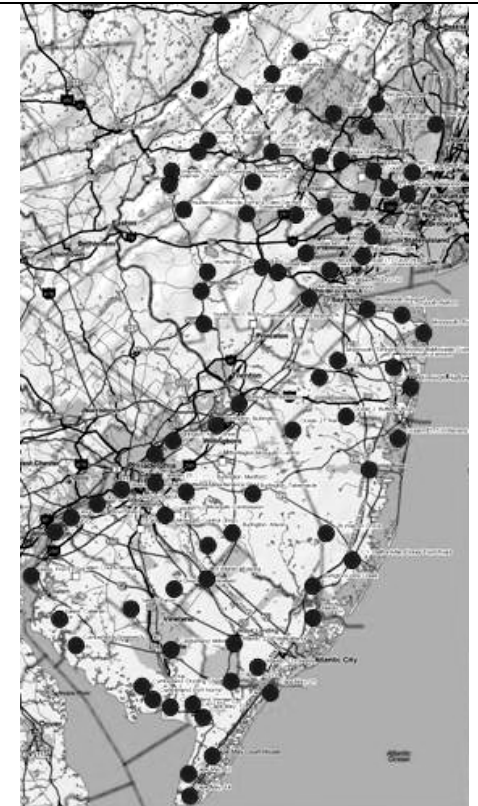


Figure 1b. Trap lat-long locations.

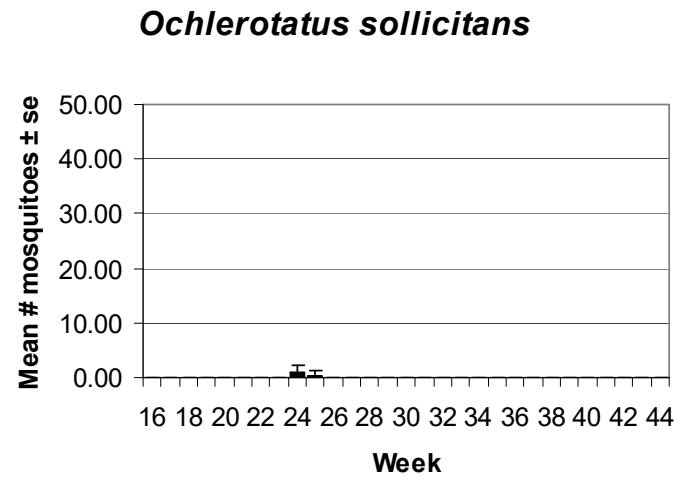
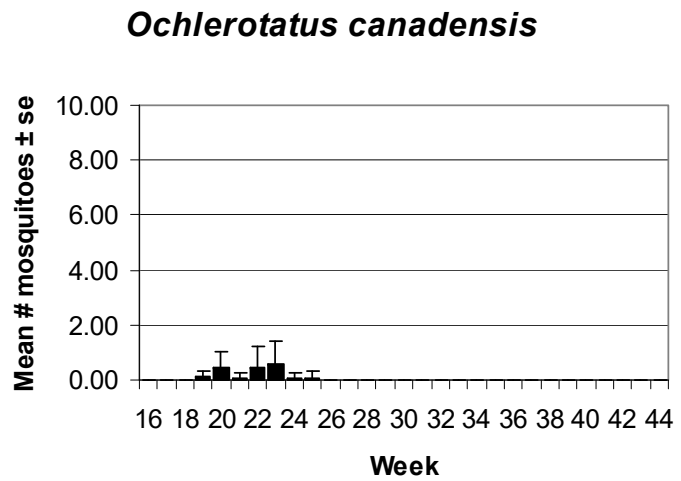
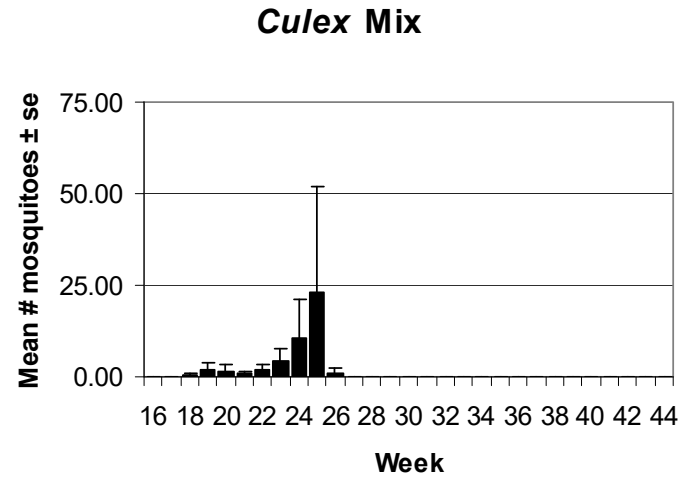
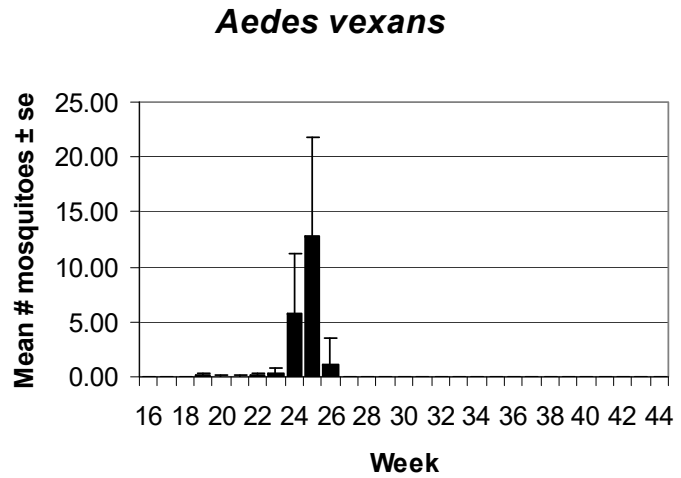


## Summary table

|                      | <i>Aedes vexans</i> |          | <i>Culex complex</i> |          | <i>Ochlerotatus canadensis</i> |          | <i>Ochlerotatus sollicitans</i> |          |
|----------------------|---------------------|----------|----------------------|----------|--------------------------------|----------|---------------------------------|----------|
| Region               | This Week           | Average* | This Week            | Average* | This Week                      | Average* | This Week                       | Average* |
| Agricultural         | 1.10                |          | 0.76                 |          | 0.00                           |          | 0.00                            |          |
| Coastal              | 0.00                |          | 0.00                 |          | 0.00                           |          | 0.00                            |          |
| Delaware Bayshore    | 0.00                |          | 0.00                 |          | 0.00                           |          | 0.00                            |          |
| Delaware River Basin | 0.00                |          | 0.00                 |          | 0.00                           |          | 0.00                            |          |
| New York Metro       | 8.05                |          | 6.37                 |          | 0.01                           |          | 0.00                            |          |
| North Central Rural  | 1.53                |          | 4.41                 |          | 0.04                           |          | 0.00                            |          |
| Northwest Rural      | 2.55                |          | 3.98                 |          | 0.07                           |          | 0.00                            |          |
| Philadelphia Metro   | 19.98               |          | 3.43                 |          | 0.00                           |          | 0.00                            |          |
| Pinelands            | 0.13                |          | 0.57                 |          | 0.05                           |          | 0.00                            |          |
| Suburban Corridor    | 17.66               |          | 6.16                 |          | 1.25                           |          | 0.10                            |          |

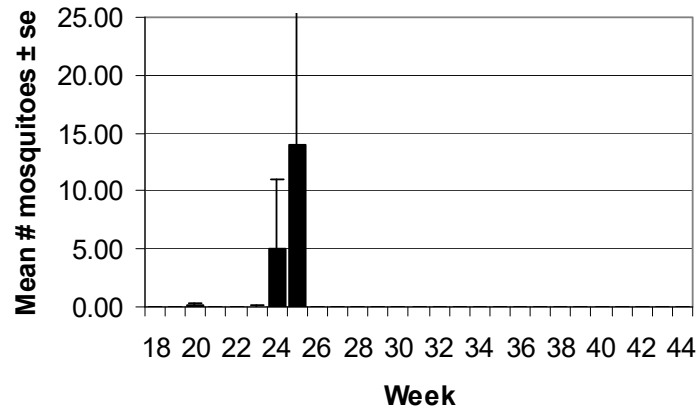
- Complete data not yet available.

## Agricultural

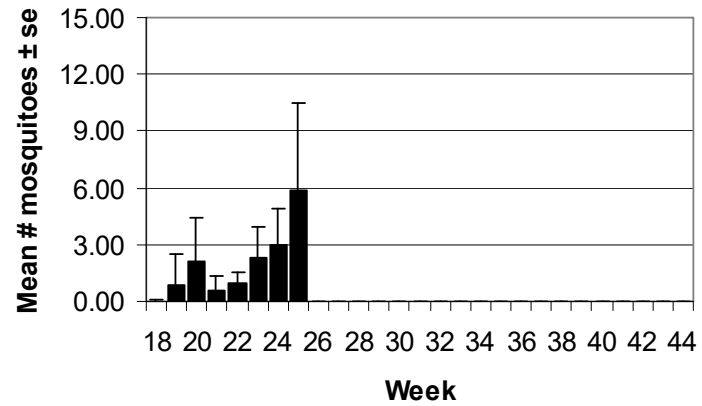


## Coastal

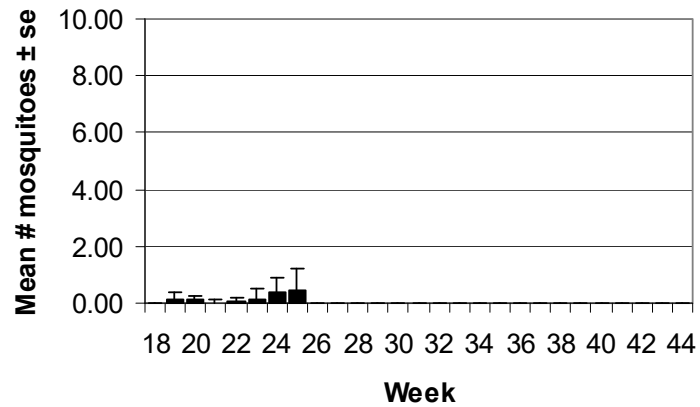
***Aedes vexans***



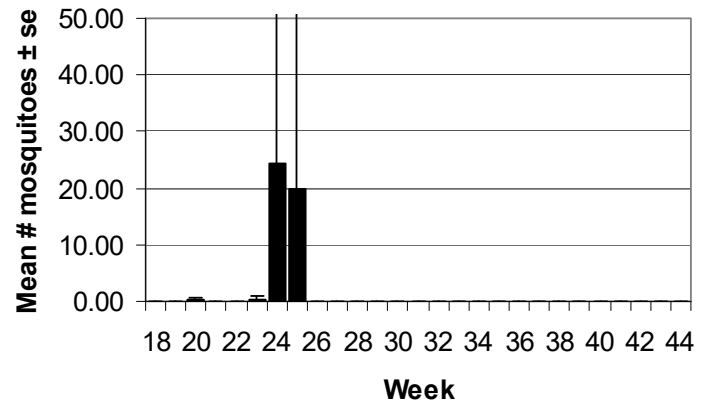
***Culex Mix***



***Ochlerotatus canadensis***

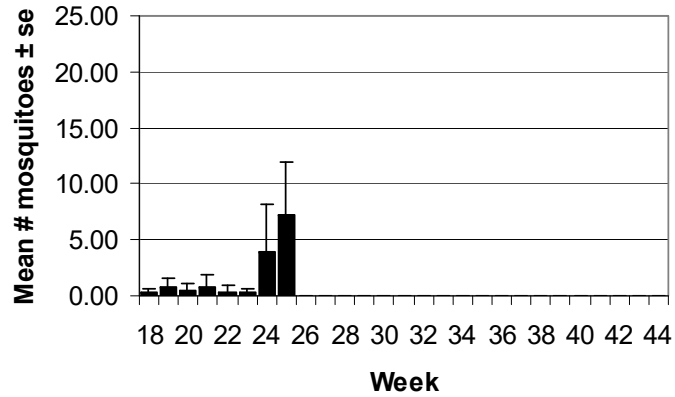


***Ochlerotatus sollicitans***

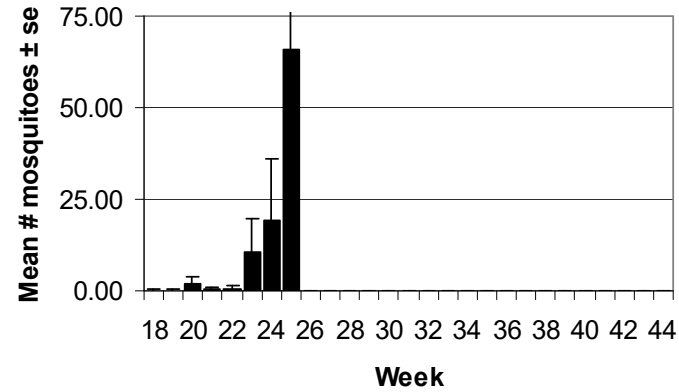


## Delaware Bayshore

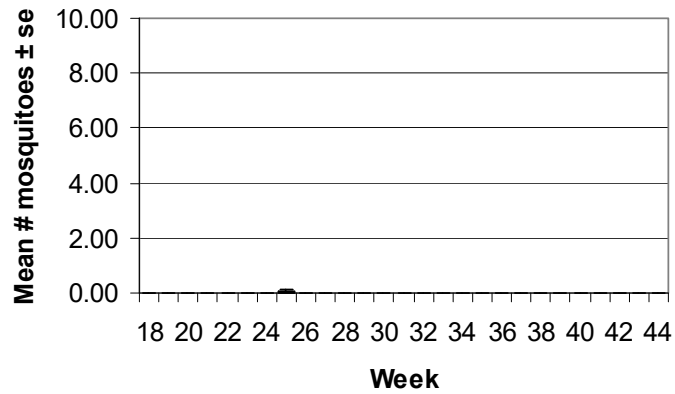
***Aedes vexans***



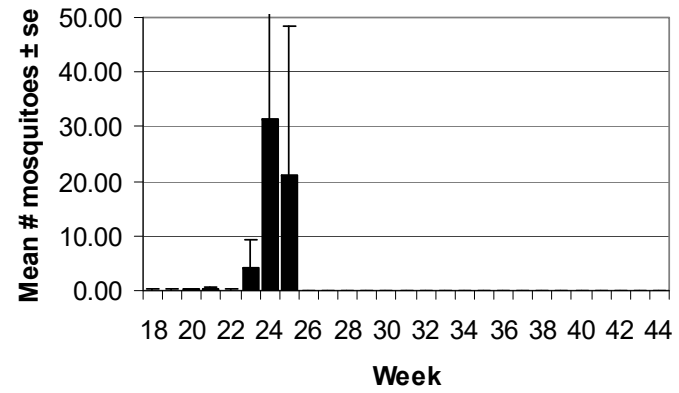
***Culex Mix***



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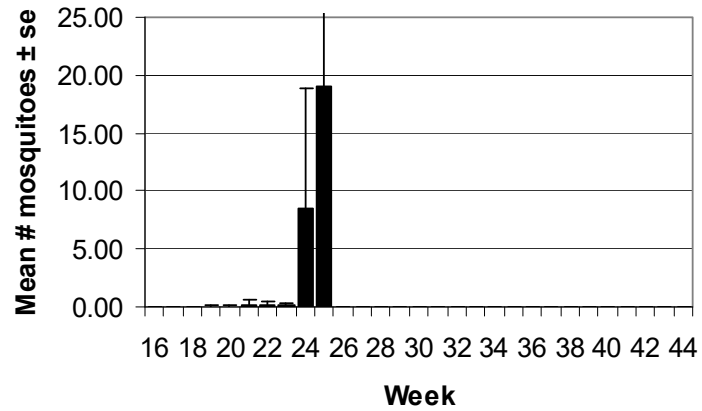


***Ochlerotatus sollicitans***

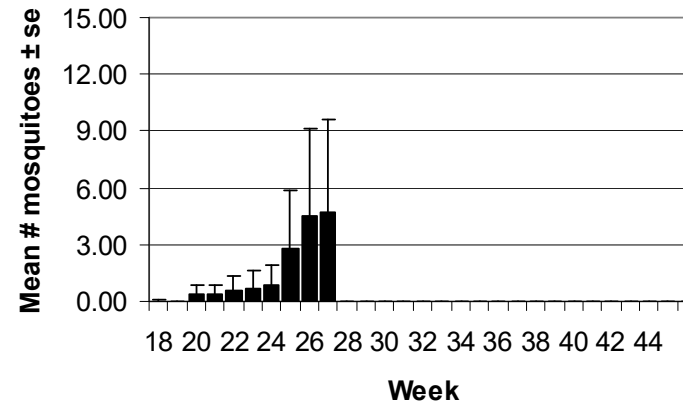


## Delaware River Basin

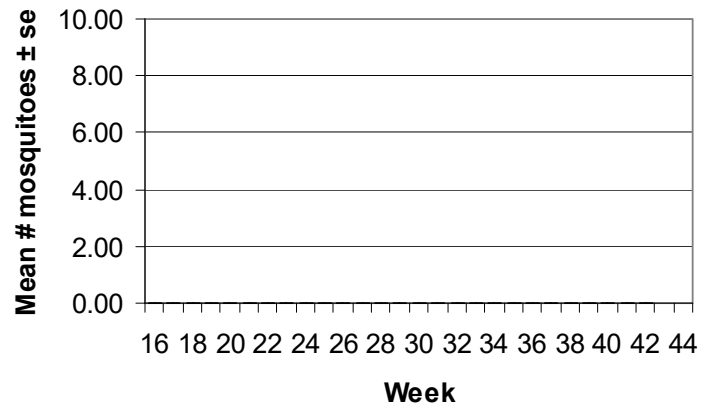
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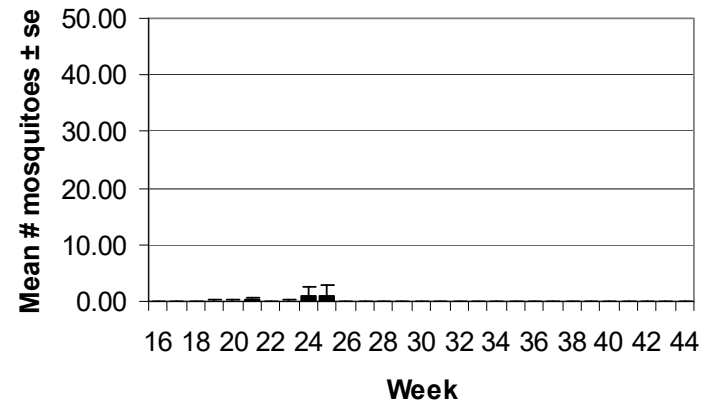
***Culex Mix***



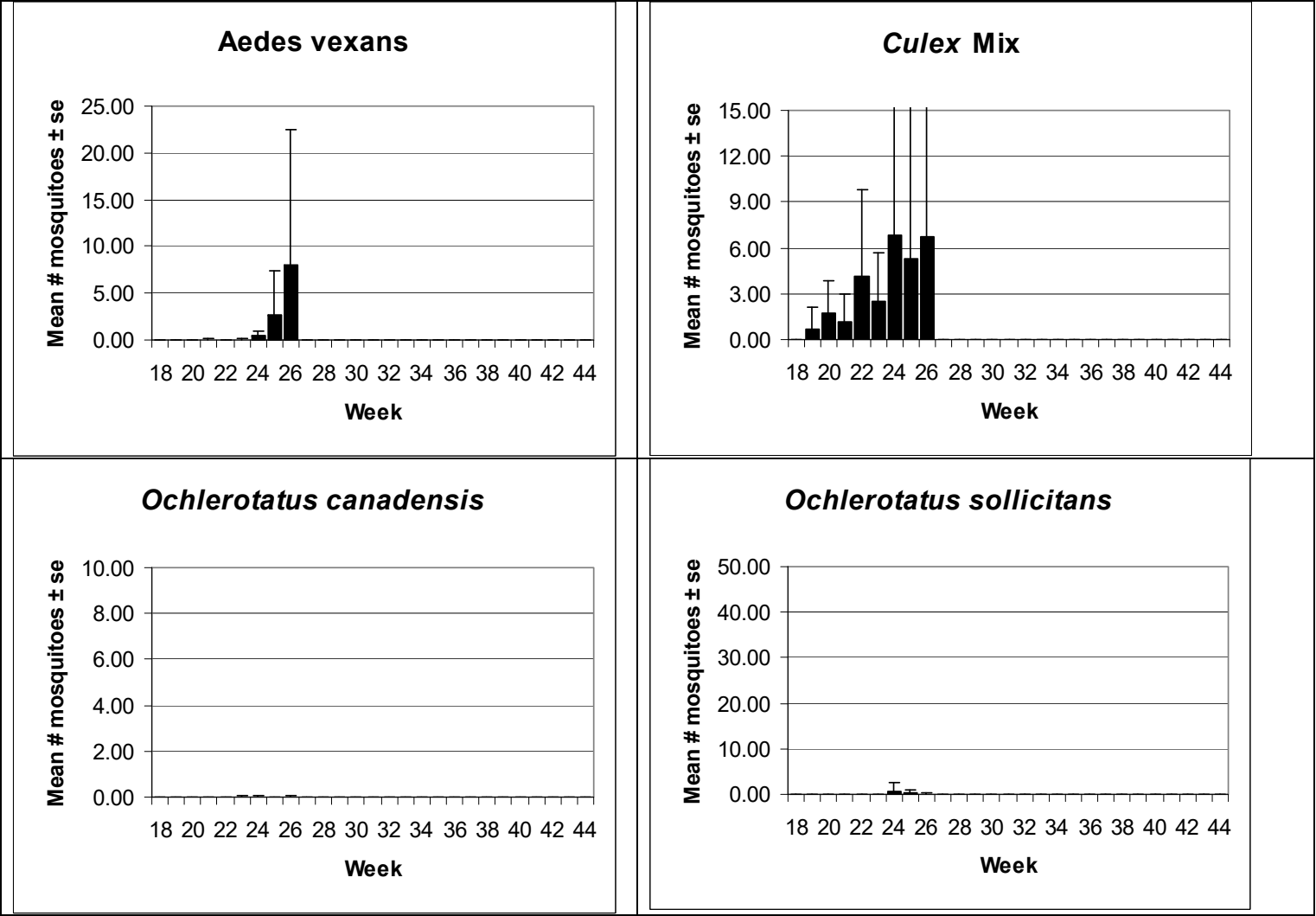
***Ochlerotatus canadensis***



***Ochlerotatus sollicitans***

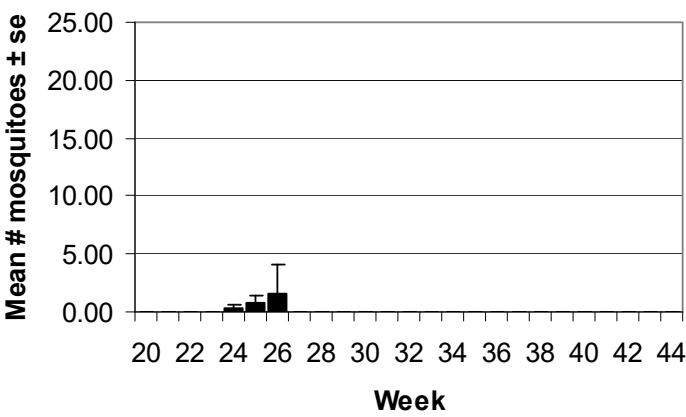


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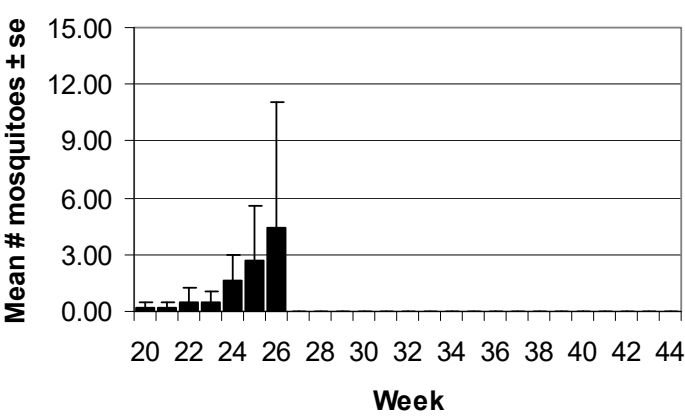


North Central Rural

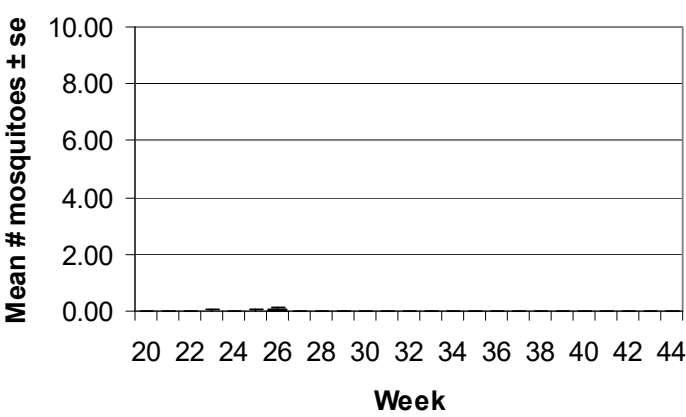
*Aedes vexans*



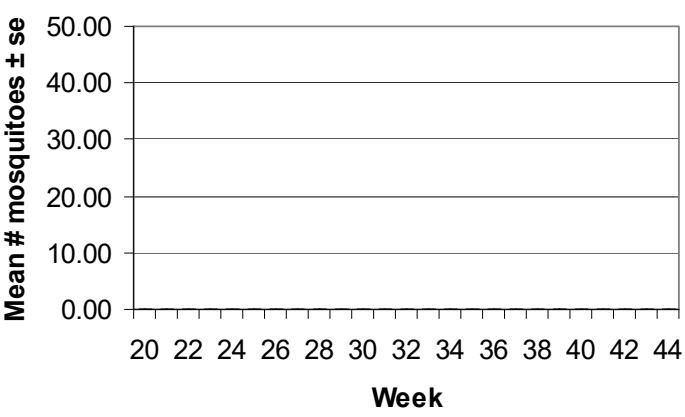
*Culex Mix*



*Ochlerotatus canadensis*

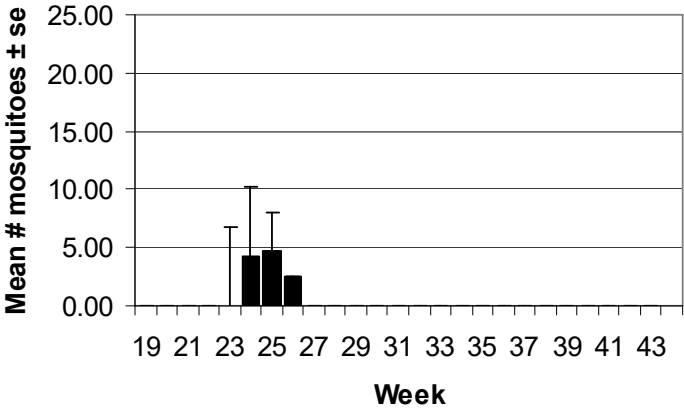


*Ochlerotatus sollicitans*

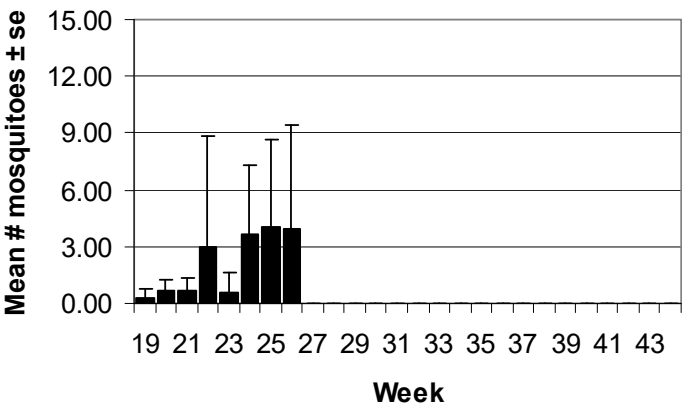


Northwestern Rural

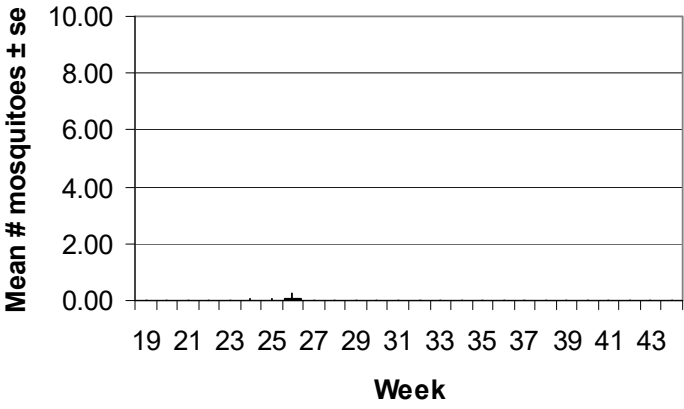
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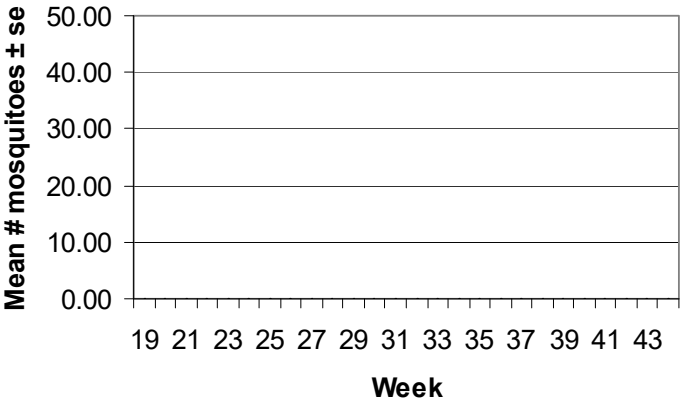
*Culex Mix*



*Ochlerotatus canadensis*

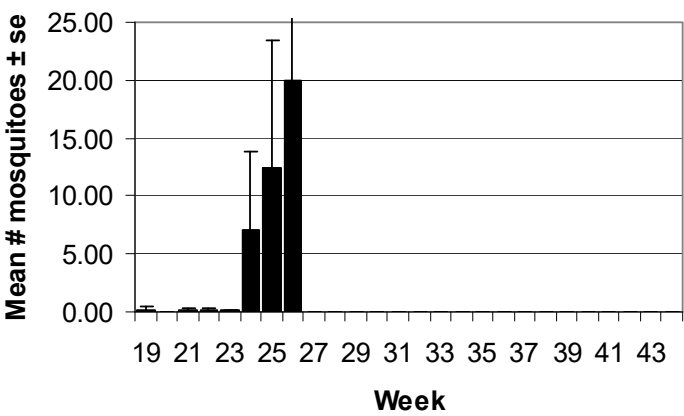


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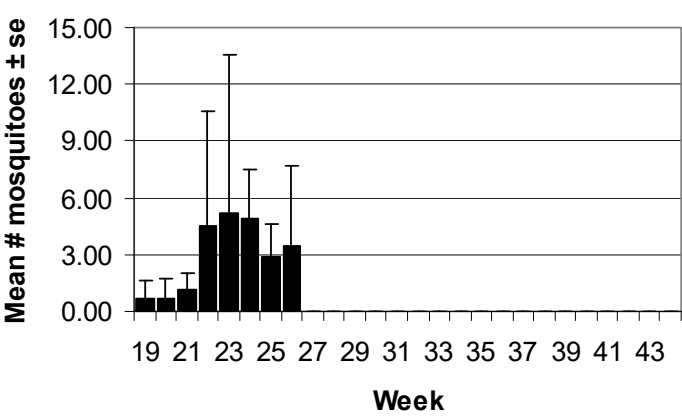


Philadelphia Metro

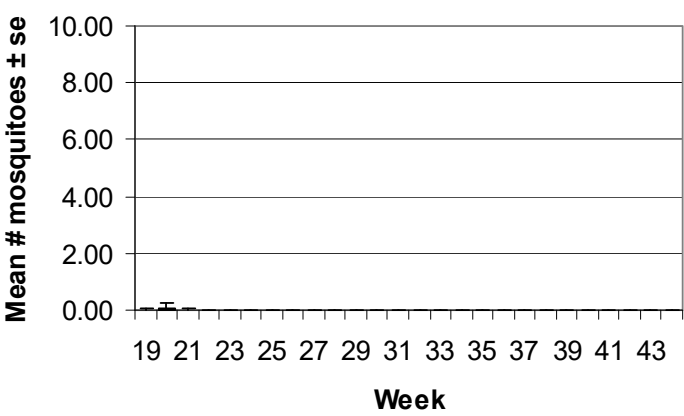
*Aedes vexans*



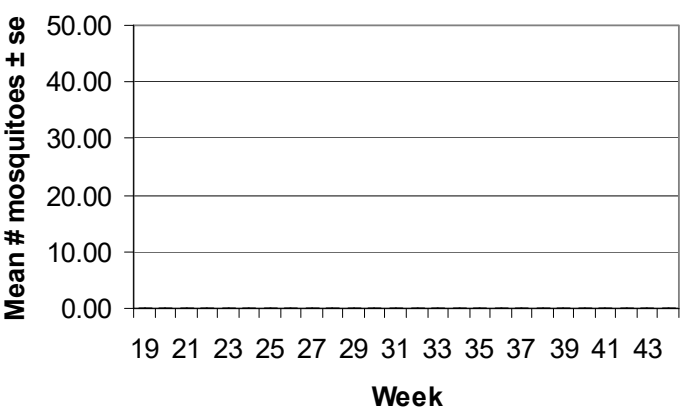
*Culex Mix*



*Ochlerotatus canadensis*

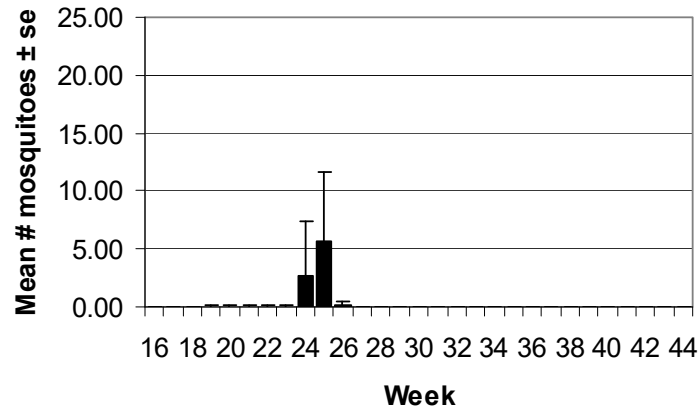


*Ochlerotatus sollicitans*

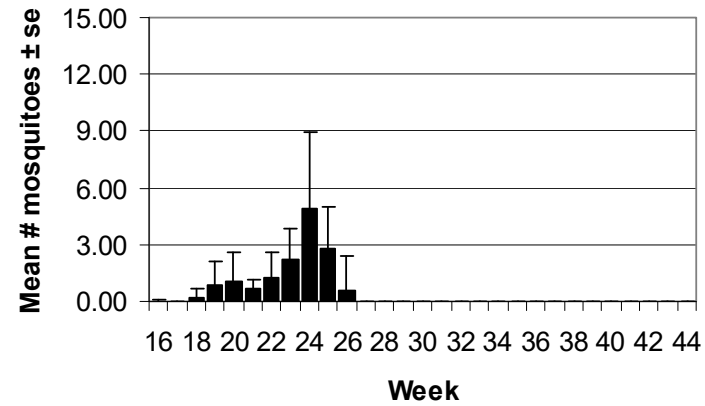


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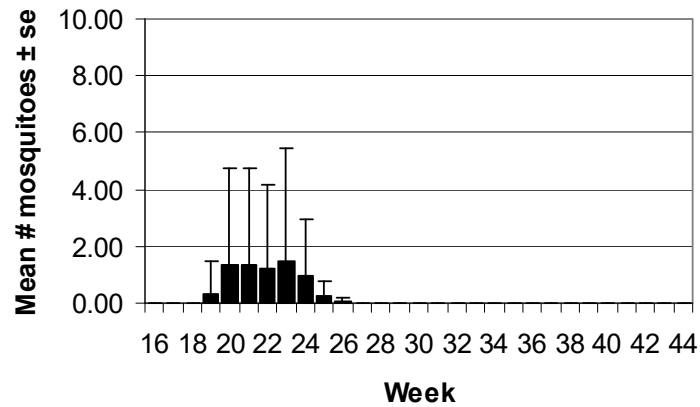
***Aedes vexans***



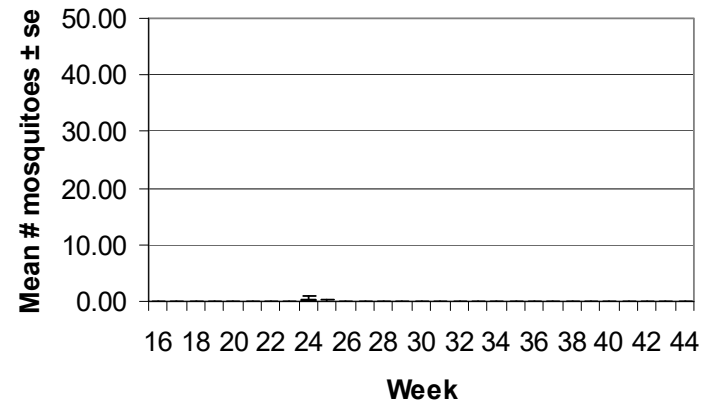
***Culex Mix***



***Ochlerotatus canadensis***

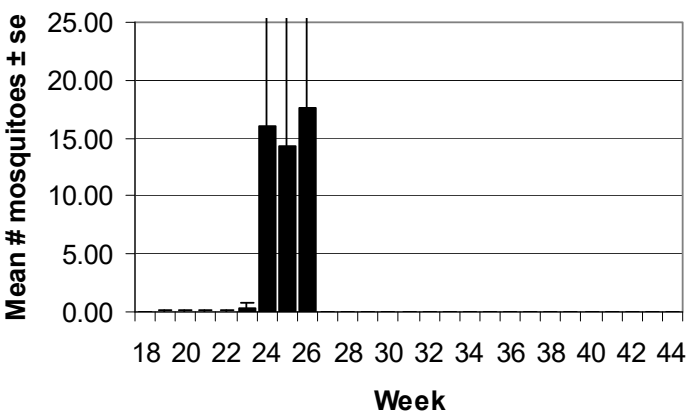


***Ochlerotatus sollicitans***

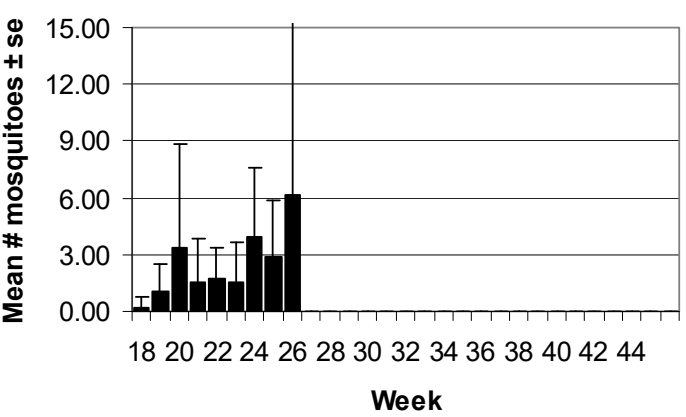


# Suburban Corridor

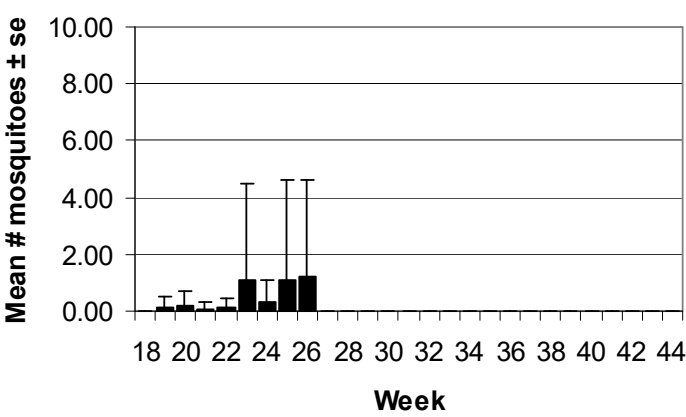
***Aedes vexans***



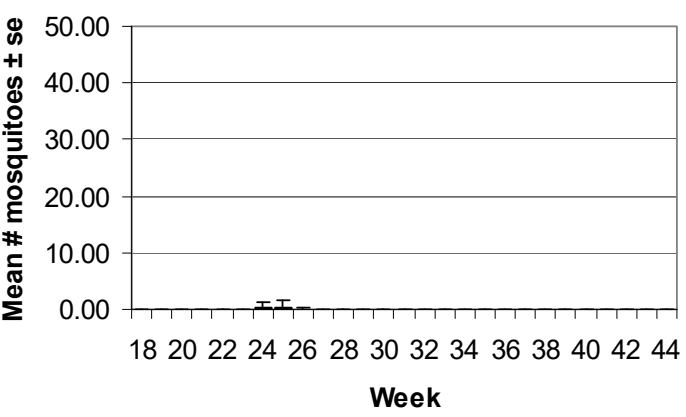
***Culex Mix***



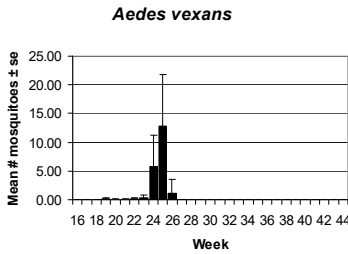
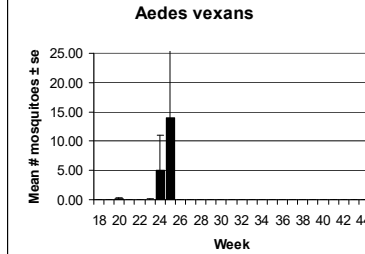
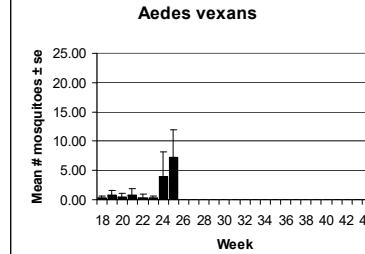
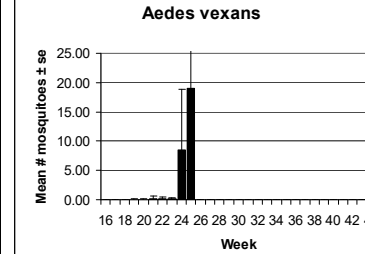
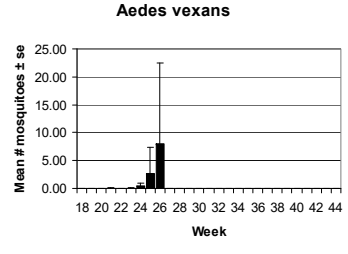
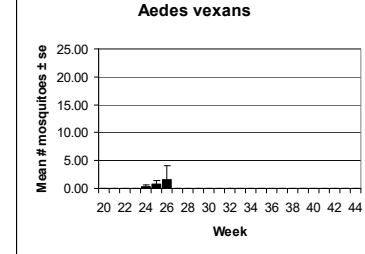
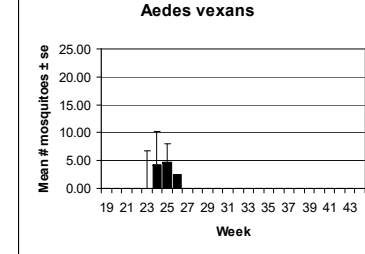
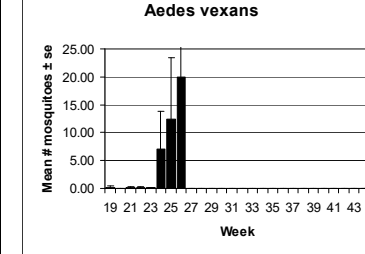
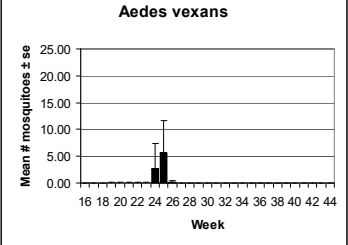
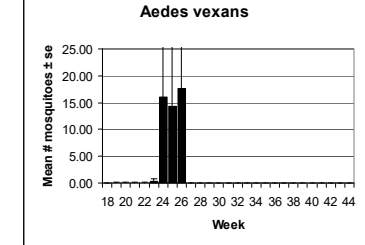
***Ochlerotatus canadensis***



***Ochlerotatus sollicitans***



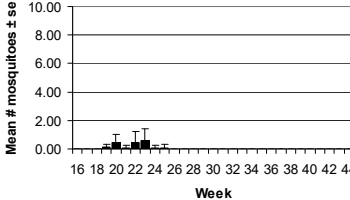
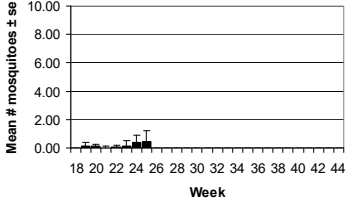
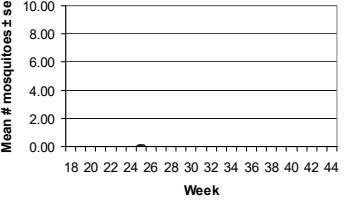
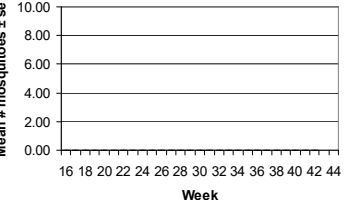
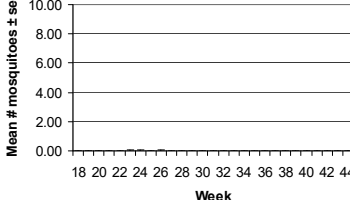
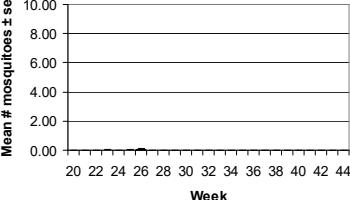
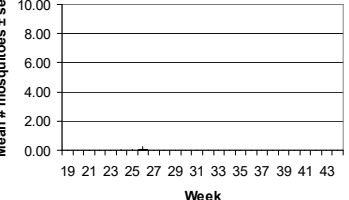
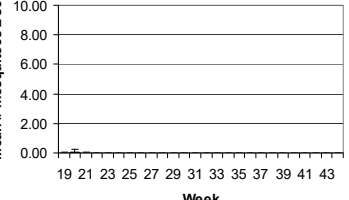
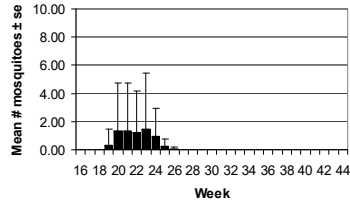
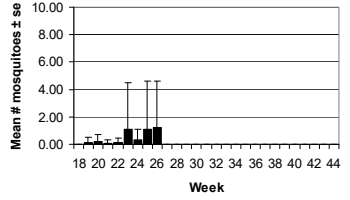
## Aedes vexans

| Agricultural                                                                                                           |  | Coastal                                                                                                                 |  | Delaware Bayshore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Delaware River Basin                                                                                                     |  |
|------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|
| <div><p><i>Aedes vexans</i></p></div>  |  | <div><p><i>Aedes vexans</i></p></div>  |  | <div><p><i>Aedes vexans</i></p></div>                                                                                                                                                                                                                                                                                                                                                                            |  | <div><p><i>Aedes vexans</i></p></div> |  |
| New York Metro                                                                                                         |  | North Central Rural                                                                                                     |  | Northwestern Rural                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Philadelphia Metro                                                                                                       |  |
| <div><p><i>Aedes vexans</i></p></div>  |  | <div><p><i>Aedes vexans</i></p></div>  |  | <div><p><i>Aedes vexans</i></p></div>                                                                                                                                                                                                                                                                                                                                                                            |  | <div><p><i>Aedes vexans</i></p></div> |  |
| Pinelands                                                                                                              |  | Suburban Corridor                                                                                                       |  | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                          |  |
| <div><p><i>Aedes vexans</i></p></div> |  | <div><p><i>Aedes vexans</i></p></div> |  | <p>State Surveillance light trap data clearly show that the extensive rains NJ experienced in early June has produced a major brood of floodwater mosquitoes. <i>Aedes vexans</i> populations were first noted to be on the increase during week 24. Current data show a rising trend with a probable peak in week 26. Light trap numbers approached 20 per trap night in much of southern NJ. Populations were lowest in the Northwestern Rural, North Central Rural &amp; Pinelands regions.</p> |  |                                                                                                                          |  |

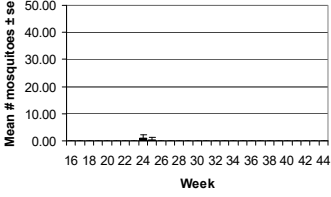
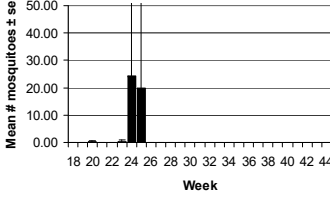
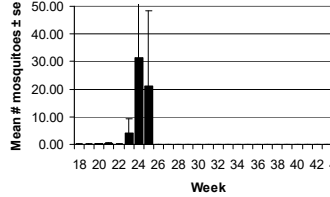
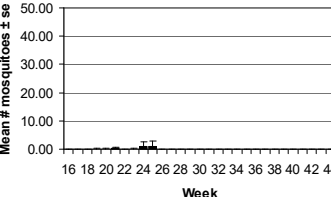
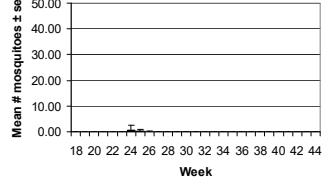
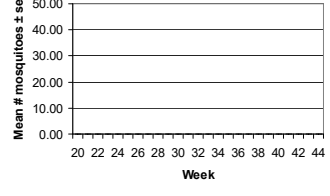
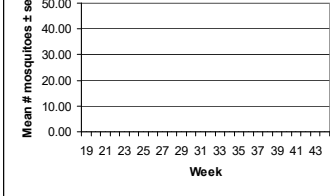
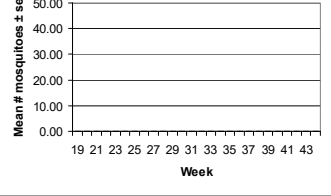
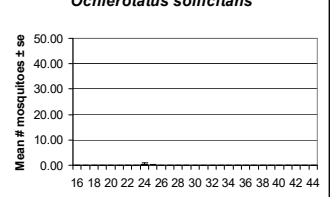
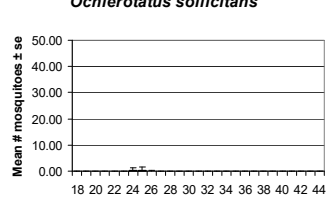
# Culex Complex

| Agricultural                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        | Coastal             |                        | Delaware Bayshore  |      | Delaware River Basin |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
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| <div>Culex Mix</div> <table border="1"><caption>Agricultural Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>25.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table>                                                               |                        | Week                | Mean # mosquitoes ± se | 18                 | 0.00 | 19                   | 0.00 | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26 | 25.00 | 27 | 0.00 | <div>Culex Mix</div> <table border="1"><caption>Coastal Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>6.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |      | Week | Mean # mosquitoes ± se | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.00 | 19   | 0.00                   | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6.00 | 27   | 0.00                   | <div>Culex Mix</div> <table border="1"><caption>Delaware Bayshore Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>70.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |      | Week | Mean # mosquitoes ± se | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.00 | 19 | 0.00 | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.00 | 26   | 70.00                  | 27 | 0.00 | <div>Culex Mix</div> <table border="1"><caption>Delaware River Basin Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>5.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |      | Week | Mean # mosquitoes ± se | 18 | 0.00 | 19 | 0.00 | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26 | 5.00 | 27 | 0.00 |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25.00                  |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 70.00                  |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
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| New York Metro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        | North Central Rural |                        | Northwestern Rural |      | Philadelphia Metro   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| <div>Culex Mix</div> <table border="1"><caption>New York Metro Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>7.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table>                                                              |                        | Week                | Mean # mosquitoes ± se | 18                 | 0.00 | 19                   | 0.00 | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26 | 7.00  | 27 | 0.00 | <div>Culex Mix</div> <table border="1"><caption>North Central Rural Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>5.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table>                                                       |      | Week | Mean # mosquitoes ± se | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.00 | 21   | 0.00                   | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26 | 5.00 | 27 | 0.00 | <div>Culex Mix</div> <table border="1"><caption>Northwestern Rural Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>4.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |      | Week | Mean # mosquitoes ± se | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.00 | 20   | 0.00                   | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26 | 4.00 | 27 | 0.00 | <div>Culex Mix</div> <table border="1"><caption>Philadelphia Metro Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>5.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |      | Week | Mean # mosquitoes ± se | 19 | 0.00 | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.00 | 21   | 0.00                   | 22 | 0.00 | 23 | 0.00 | 24 | 0.00 | 25 | 0.00 | 26 | 5.00 | 27 | 0.00 |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
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| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
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| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
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| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Pinelands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        | Suburban Corridor   |                        | Comments           |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| <div>Culex Mix</div> <table border="1"><caption>Pinelands Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>16</td><td>0.00</td></tr><tr><td>17</td><td>0.00</td></tr><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>5.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |                        | Week                | Mean # mosquitoes ± se | 16                 | 0.00 | 17                   | 0.00 | 18 | 0.00 | 19 | 0.00 | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24 | 0.00  | 25 | 0.00 | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.00 | 27   | 0.00                   | <div>Culex Mix</div> <table border="1"><caption>Suburban Corridor Culex Mix Data</caption><thead><tr><th>Week</th><th>Mean # mosquitoes ± se</th></tr></thead><tbody><tr><td>18</td><td>0.00</td></tr><tr><td>19</td><td>0.00</td></tr><tr><td>20</td><td>0.00</td></tr><tr><td>21</td><td>0.00</td></tr><tr><td>22</td><td>0.00</td></tr><tr><td>23</td><td>0.00</td></tr><tr><td>24</td><td>0.00</td></tr><tr><td>25</td><td>0.00</td></tr><tr><td>26</td><td>6.00</td></tr><tr><td>27</td><td>0.00</td></tr></tbody></table> |      | Week | Mean # mosquitoes ± se | 18 | 0.00 | 19 | 0.00 | 20 | 0.00 | 21 | 0.00 | 22 | 0.00 | 23 | 0.00 | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.00 | 25   | 0.00                   | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6.00 | 27   | 0.00                   | <p><i>Culex</i> populations continue an upward trend in most of the regions this program is monitoring. The numbers from the Delaware Bayshore region approached 75 mosquitoes per trap night, in all probability primarily <i>Cx. salinarius</i>.. This is the time when <i>Culex</i> control practices should be accelerated to minimize WNV amplification. The general public should also be reminded to police their own properties and eliminate container habitat whenever possible.</p> |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
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| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mean # mosquitoes ± se |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.00                   |                     |                        |                    |      |                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |       |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |    |      |    |      |    |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |                        |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |                        |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |

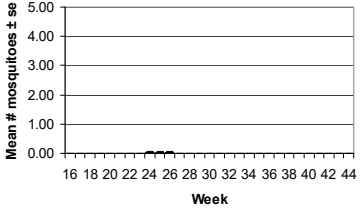
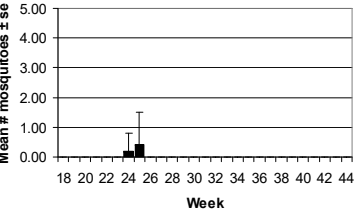
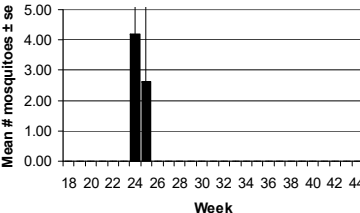
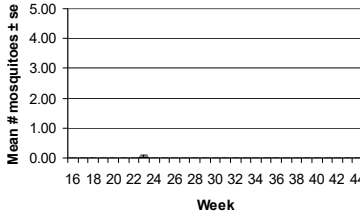
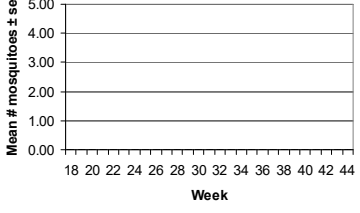
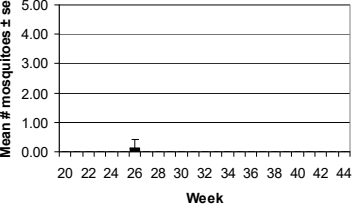
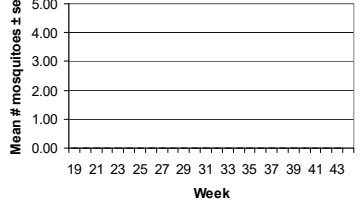
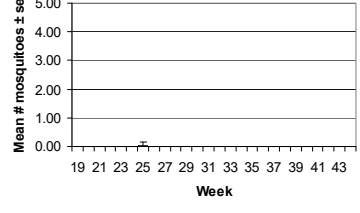
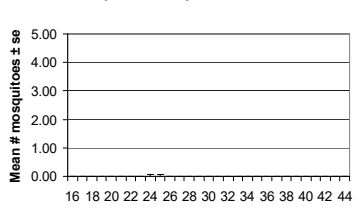
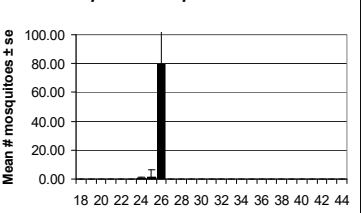
## Ochlerotatus canadensis

| Agricultural                                                                                                              | Coastal                                                                                                                   | Delaware Bayshore                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Delaware River Basin                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <p><i>Ochlerotatus canadensis</i></p>    | <p><i>Ochlerotatus canadensis</i></p>    | <p><i>Ochlerotatus canadensis</i></p>                                                                                                                                                                                                                                                                                                                                                                | <p><i>Ochlerotatus canadensis</i></p>  |
| New York Metro                                                                                                            | North Central Rural                                                                                                       | Northwestern Rural                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Philadelphia Metro                                                                                                        |
| <p><i>Ochlerotatus canadensis</i></p>    | <p><i>Ochlerotatus canadensis</i></p>    | <p><i>Ochlerotatus canadensis</i></p>                                                                                                                                                                                                                                                                                                                                                                | <p><i>Ochlerotatus canadensis</i></p>  |
| Pinelands                                                                                                                 | Suburban Corridor                                                                                                         | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                           |
| <p><i>Ochlerotatus canadensis</i></p>  | <p><i>Ochlerotatus canadensis</i></p>  | <p>The heavy rainfall NJ experienced during the month of June did not increase <i>Oc. canadensis</i> populations significantly. Light trap counts remain below 1 mosquito per trap night in virtually all of the regions being monitored by this program. Nuisance from <i>Oc. canadensis</i> will be minimal for most of the remaining part of this year's mosquito season. Late summer rains could allow the species to reappear in some areas to produce late season annoyance.</p> |                                                                                                                           |

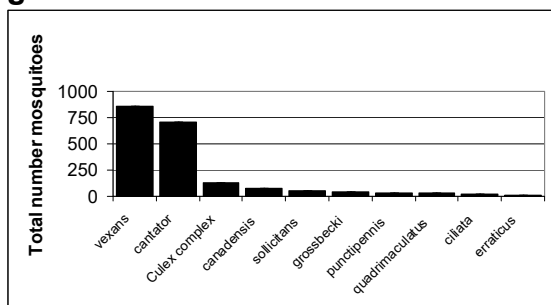
## Ochlerotatus sollicitans

| Agricultural                                                                                                              | Coastal                                                                                                                   | Delaware Bayshore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Delaware River Basin                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <p><i>Ochlerotatus sollicitans</i></p>   | <p><i>Ochlerotatus sollicitans</i></p>   | <p><i>Ochlerotatus sollicitans</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p><i>Ochlerotatus sollicitans</i></p>  |
| New York Metro                                                                                                            | North Central Rural                                                                                                       | Northwestern Rural                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Philadelphia Metro                                                                                                         |
| <p><i>Ochlerotatus sollicitans</i></p>   | <p><i>Ochlerotatus sollicitans</i></p>   | <p><i>Ochlerotatus sollicitans</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p><i>Ochlerotatus sollicitans</i></p>  |
| Pinelands                                                                                                                 | Suburban Corridor                                                                                                         | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <p><i>Ochlerotatus sollicitans</i></p>  | <p><i>Ochlerotatus sollicitans</i></p>  | <p>Light trap data show that <i>Oc. sollicitans</i> has, thus far, been limited to coastal regions that provide most of its breeding habitat. Exceptionally large broods often move far enough inland to show up in other areas of the state. Light trap records show that the 1st brood of the season peaked between 20 and 30 mosquitoes per trap night on the Atlantic coast and Delaware Bay. Small numbers have appeared in the New York Metro, Pinelands and Suburban Corridor regions but it is unlikely that the migrants occur in high enough numbers to cause nuisance.</p> |                                                                                                                            |

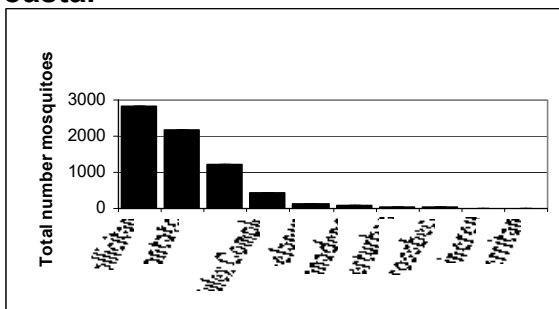
## Other Species – *Coquillettidia perturbans*

| Agricultural                                                                                                               | Coastal                                                                                                                    | Delaware Bayshore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Delaware River Basin                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <p><i>Coquillettidia perturbans</i></p>   | <p><i>Coquillettidia perturbans</i></p>   | <p><i>Coquillettidia perturbans</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p><i>Coquillettidia perturbans</i></p>  |
| New York Metro                                                                                                             | North Central Rural                                                                                                        | Northwestern Rural                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Philadelphia Metro                                                                                                          |
| <p><i>Coquillettidia perturbans</i></p>   | <p><i>Coquillettidia perturbans</i></p>   | <p><i>Coquillettidia perturbans</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p><i>Coquillettidia perturbans</i></p>  |
| Pinelands                                                                                                                  | Suburban Corridor                                                                                                          | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                             |
| <p><i>Coquillettidia perturbans</i></p>  | <p><i>Coquillettidia perturbans</i></p>  | <p>State Surveillance light trap data indicate that the 1st cohort of <i>Cq. perturbans</i> emerged in some parts of NJ. <i>Cq. perturbans</i> takes a full year to complete its life cycle and the species overwinters as a combination of 2nd, 3rd &amp; 4th larval instars. The various instars emerge as cohorts the following year giving the appearance of 3 distinct broods. The composition of the overwintering larval population determines the size and timing of the summer emergences. Light trap records from Mercer Co. recorded the largest wave from the 1st cohort with nearly 80 mosquitoes per trap night. The cohort that emerged in the Delaware Bay region was significantly smaller averaging less than 5 mosquitoes per trap night. How the 1st cohort will compare with those that follow cannot be predicted without knowledge of the proportion of larval instars in last winter's overwintering population.</p> |                                                                                                                             |

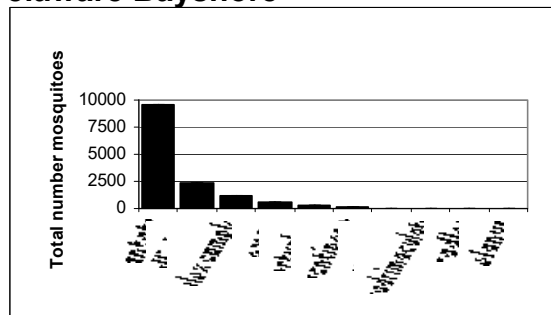
## Top Ten species per Region Agricultural



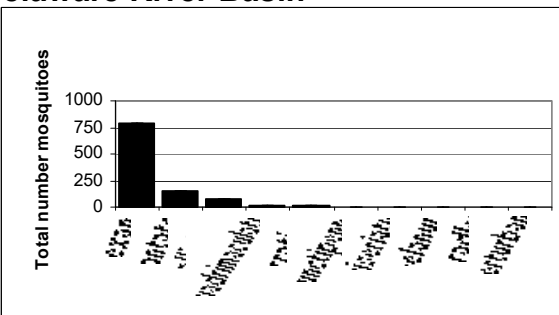
## Coastal



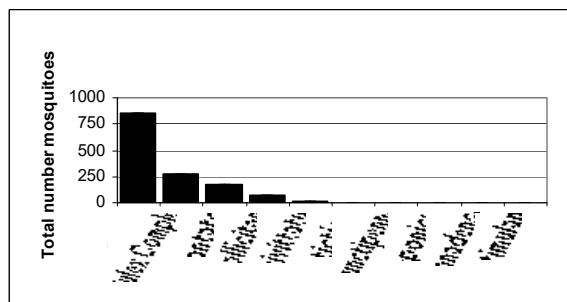
## Delaware Bayshore



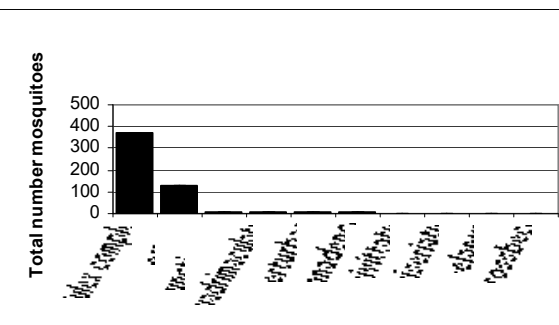
## Delaware River Basin



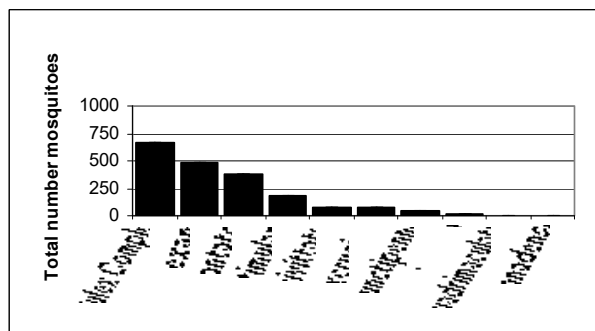
## New York Metro



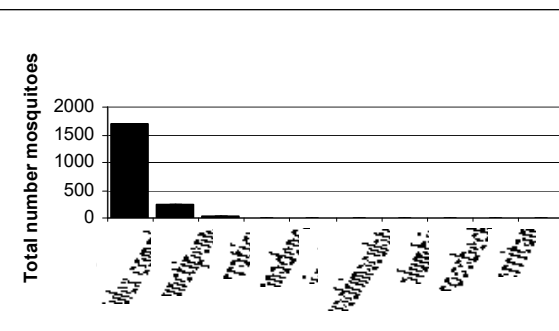
## North Central Rural



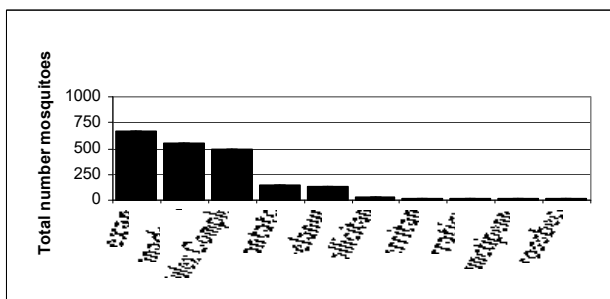
## Northwestern Rural



## Philadelphia Metro



## Pinelands



## Suburban Corridor

