Gulf CHMA Update – April 2017, Cycle 100

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The 100th cycle of the statewide survey was completed on the 28th of April. Since cycle 99, ACP populations saw increases in 5 counties, and decreases in 5 counties. Figure 1 shows average ACP numbers by county for Cycles 95 - 100. Ten multiblocks had hotspots (≥ 10 psyllids/50 taps) in all of Cycles 98, 99, 100 (please see Figure 2 for trends and the map on our website for precise locations of ACP counts and hotspots). Please note: the threshold for hotspots decreased from an average of 21 to 10 ACP per block beginning in Cycle 49.

<table>
<thead>
<tr>
<th>Cycle 100</th>
<th>Hotspots</th>
<th>Sustained Hotspots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlotte</td>
<td>29</td>
<td>7</td>
</tr>
<tr>
<td>Corkscrew</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>Glades / Muse</td>
<td>25</td>
<td>2</td>
</tr>
<tr>
<td>Gutwein</td>
<td>22</td>
<td>4</td>
</tr>
<tr>
<td>North Collier</td>
<td>33</td>
<td>3</td>
</tr>
<tr>
<td>Northeast Hendry/Glades</td>
<td>39</td>
<td>14</td>
</tr>
<tr>
<td>Northwest Hendry</td>
<td>44</td>
<td>1</td>
</tr>
<tr>
<td>South Collier</td>
<td>33</td>
<td>1</td>
</tr>
<tr>
<td>Southeast Hendry</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>Southwest Hendry</td>
<td>11</td>
<td>3</td>
</tr>
<tr>
<td>Seminole</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

For the 100th cycle, 3018 multi-blocks (44% of total) were surveyed including 627 (72% of total) in Charlotte, Glades, Collier, Hendry and Lee Counties.
Figure 1 - Average ACP per cycle by County

<table>
<thead>
<tr>
<th></th>
<th>Cycle 95</th>
<th>Cycle 96</th>
<th>Cycle 97</th>
<th>Cycle 98</th>
<th>Cycle 99</th>
<th>Cycle 100</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13-Jan</td>
<td>3-Feb</td>
<td>24-Feb</td>
<td>17-Mar</td>
<td>7-Apr</td>
<td>28-Apr</td>
</tr>
<tr>
<td>Charlotte</td>
<td>3.11</td>
<td>4.27</td>
<td>5.54</td>
<td>8.41</td>
<td>55.13</td>
<td>26.39</td>
</tr>
<tr>
<td>Collier</td>
<td>0.24</td>
<td>0.85</td>
<td>0.72</td>
<td>9.26</td>
<td>14.94</td>
<td>15.64</td>
</tr>
<tr>
<td>Glades</td>
<td>0.68</td>
<td>0.20</td>
<td>3.11</td>
<td>2.34</td>
<td>11.82</td>
<td>16.19</td>
</tr>
<tr>
<td>Hendry</td>
<td>0.74</td>
<td>1.20</td>
<td>1.20</td>
<td>4.92</td>
<td>19.11</td>
<td>16.71</td>
</tr>
<tr>
<td>Lee</td>
<td>0.48</td>
<td>1.10</td>
<td>0.48</td>
<td>0.64</td>
<td>3.12</td>
<td>4.67</td>
</tr>
</tbody>
</table>
Figure 2 – Evolution of Hotspots in Gulf CHMAs