Psyllid Management in CHMAs: Results to Date

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Is the CHMA Program Working?

• Growers have been coordinating efforts for some time
• “CHMA ACP Scouting” program began August 1, 2011
• What do the scouting results show thus far?
35 CHMAs statewide

426,000 + acres of commercial citrus groves
CHMA Psyllid Scouting
(Statewide Averages)

50 - 60% higher in previous year
Is the CHMA Program Working?

• Coordinated spray efforts are working!
• Statewide, at least a 50% reduction in overall psyllid populations compared to this time last year
• Results vary by CHMA depending on grower participation
Overview of ACP Scouting Results

Cycle 1
Aug 1-19, 2011

Average ACP per block
Overview of ACP Scouting Results

Cycle 4
Oct 3 - 21, 2011

Average ACP per block

- Green: < 1
- Blue: 1-5
- Yellow: 5-10
- Red: > 10

[Map showing regions colored based on average ACP per block]
Overview of ACP Scouting Results

Cycle 7
Dec 5 - 23, 2011

Average ACP per block

- < 1
- 1-5
- 5-10
- > 10
Overview of ACP Scouting Results

Cycle 10
Feb 6 - 24, 2012

Average ACP per block:
- < 1
- 1-5
- 5-10
- > 10
Overview of ACP Scouting Results

Cycle 10
Feb 6 - 24, 2012

Average ACP per block

- Green: < 1
- Blue: 1-5
- Yellow: 5-10
- Red: > 10
Overview of ACP Scouting Results

Cycle 11
Feb 27-Mar 16, 2012

Average ACP per block

- < 1
- 1-5
- 5-10
- > 10
Central Highlands 17/27 CHMA (Cycle 4: Oct. 3 – 21, 2011)

- Average ACP per block = 5.3
- Numbers presented are mean number psyllids per block scouted within each TRS

**Category**
- 0 psyllids
- <1 psyllid
- 1-5 psyllids
- 6-10 psyllids
- >10 psyllids

**Trends Cycle 3-4**
- ⭐️ 0 psyllids for two consecutive cycles
- 🔄 Psyllids decreased to lower category
- 🔄 Psyllids decrease but remained in same category
- ⬆️ Psyllids increased but remained in same category
- ⬇️ Psyllids increased to a higher category
Central Highlands 17/27 CHMA (Cycle 11: Feb 27-Mar 16, 2012)
## Central Highlands 17/27 CHMA

<table>
<thead>
<tr>
<th>TRS</th>
<th>Number of blocks w/ ACP</th>
<th>Total number of ACP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cycle 4</td>
<td>Cycle 11</td>
</tr>
<tr>
<td>35S29ES27</td>
<td>2/7</td>
<td>2/7</td>
</tr>
<tr>
<td>36S29ES15</td>
<td>2/2</td>
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</tr>
<tr>
<td>36S29ES23</td>
<td>8/10</td>
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<tr>
<td>36S29ES25</td>
<td>1/1</td>
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</tr>
<tr>
<td>36S30ES30</td>
<td>5/8</td>
<td>8/8</td>
</tr>
</tbody>
</table>
Is the CHMA Program Working?

• YES!

• The results from ongoing scouting efforts by FDACS and USDA will provide valuable insight for CHMA psyllid management programs

• Spread the word and get your neighbors to participate!!!
Acknowledgements

• Citrus Research & Development Foundation (CRDF)
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