Areawide Insect Trapping Network

The project is designed to measure the activity and movement of adult populations of a number of key pests. The project is being funded by the Arizona Iceberg Lettuce Research Council, and will hopefully provide an indication of when pest activity (e.g., corn earworm moth flights) is increasing based on pheromone / sticky trap captures.

The data is not intended to indicate field infestations, as trap data is largely a reflection of adult movement. If nothing else, the data may make PCAs aware of increased pest activity in some areas and encourage intensified scouting in susceptible produce fields.

The pests being monitored include: corn earworm, beet armyworm, cabbage looper using pheromone traps; aphids, thrips, leafminers and whiteflies using yellow sticky traps. Traps are checked weekly and data is available in the bi-weekly Veg IPM updates. If a PCA or grower is interested in weekly counts, those can be made available by contacting us. A total of 15 trapping locations have been established in the following areas (approximate location):

<table>
<thead>
<tr>
<th>Trap Locations</th>
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<tbody>
<tr>
<td>1. Tacna/Texas Hill</td>
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<tr>
<td>2. Tacna/Roll</td>
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<tr>
<td>3. Roll/Wellton</td>
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<tr>
<td>4. Wellton</td>
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<td>5. Dome Valley</td>
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<tr>
<td>6. Dome Valley</td>
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<tr>
<td>7. East Gila Valley</td>
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<tr>
<td>8. North Gila Valley</td>
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<tr>
<td>10. Yuma Valley</td>
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<td>11. Yuma Valley</td>
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<td>12. Yuma Valley</td>
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<td>14. Yuma Valley</td>
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<td>15. Yuma Valley</td>
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</tbody>
</table>
Area-wide Insect Trapping Network
North Gila Valley

- Corn earworm
- Whiteflies
- Aphids
- Thrips
- Beet armyworm
- Cabbage looper
Cabbage looper

2014-2015

Avg. Moth / Trap / Night


2013-2014

Avg. Moth / Trap / Night

Sep 14  Sep 28  Oct 12  Oct 25  Nov 15  Dec 10  Jan 17  Feb 14  Mar 25

Roll  Wellton  Dome  S. Gila  N. Gila  YAC  Yuma Valley -mid  Yuma Valley-south

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Leafminers

Avg. Aphids / Trap / Day


47E
39E
33E
27E
21E
16E
E Gila
N Gila
S Gila
Co 14 / D
Co 20 / G
Co 17 / J
Co 14.5 / Levee
Co 12 / F
Co 8 / E