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>
<th>Tacna/Texas Hill</th>
<th>Tacna/Roll</th>
<th>Roll/Wellton</th>
<th>Wellton</th>
<th>Dome Valley</th>
<th>Dome Valley</th>
<th>East Gila Valley</th>
<th>North Gila Valley</th>
<th>South Gila Valley</th>
<th>Yuma Valley</th>
<th>Yuma Valley</th>
<th>Yuma Valley</th>
<th>Yuma Valley</th>
<th>Yuma Valley</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>47E and Co. 2 St.</td>
<td>38E and Co. 4 St.</td>
<td>33E and Co. 7 St.</td>
<td>27E and Co. 10 St.</td>
<td>21E and Co. 8 St.</td>
<td>17E and Co. 6 St.</td>
<td>10E and Hwy 95</td>
<td>Laguna Dam Rd and Co. 3 St</td>
<td>5E and 24 st.</td>
<td>Co. 14 and Ave D</td>
<td>Co. 20 and Ave G</td>
<td>Co. 17 and Ave J</td>
<td>Co. 14.5 and Levee Rd</td>
<td>Co. 12 and Ave F</td>
</tr>
</tbody>
</table>
Area-wide Insect Trapping Network
North Gila Valley

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

2016-17

Avg. Moth / Trap / Night

Aug 27 Sep 10 Sep 24 Oct 11 Oct 22 Nov 7 Dec 3 Dec 29 Feb 1 Mar 2 Mar 20


Aphids

2016-17

Avg. Moth / Trap / Night

Aug
Sep
Oct
Nov
Dec
Feb
Mar

47E
39E
33E
27E
21E
16E
E GILA
N GILA
S GILA
CO 14 / D
CO 20 / G
CO 17 / J
CO 14 / LEVEE
CO 12 / F
CO 8 / E

2015-16

Avg. Moth / Trap / Night

Aug
Sep
Oct
Nov
Dec
Feb
Mar

47E
39E
33E
27E
21E
16E
E GILA
N GILA
S GILA
CO 14 / D
CO 20 / G
CO 17 / J
CO 14 / LEVEE
CO 12 / F
CO 8 / E
