

# Areawide Summer Insect Trapping



COLLEGE OF AGRICULTURE  
AND LIFE SCIENCES  
COOPERATIVE EXTENSION  
Yuma Agricultural Center

The project is designed to measure the activity and movement of adult populations of several 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):

## Trap Locations

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<b>1</b>	<b>Texas Hill</b>	<b>50E and Co. 2 St.</b>
<b>2</b>	<b>Tacna/Roll</b>	<b>39E and Co. 4 St.</b>
<b>3</b>	<b>Roll/Wellton</b>	<b>32E and Co. 8 St.</b>
<b>4</b>	<b>Wellton</b>	<b>27E and Co. 10 St.</b>
<b>5</b>	<b>Dome Valley</b>	<b>21E and Co. 8 St.</b>
<b>6</b>	<b>Dome Valley</b>	<b>16E and Co. 6 St.</b>
<b>7</b>	<b>East Gila Valley</b>	<b>10E and Hwy 95</b>
<b>8</b>	<b>North Gila Valley</b>	<b>Laguna Dam Rd / Co. 3 St</b>
<b>9</b>	<b>South Gila Valley</b>	<b>5E and Hwy 95</b>
<b>10</b>	<b>Yuma Valley</b>	<b>Co. 14 and Ave D</b>
<b>11</b>	<b>Yuma Valley</b>	<b>Co. 19 and Ave G</b>
<b>12</b>	<b>Yuma Valley</b>	<b>Co. 22 and Ave H</b>
<b>13</b>	<b>Yuma Valley</b>	<b>Co. 16 and Ave J</b>
<b>14</b>	<b>Yuma Valley</b>	<b>Co. 12 and Ave H</b>
<b>15</b>	<b>Yuma Valley</b>	<b>Co. 8 and Ave E</b>

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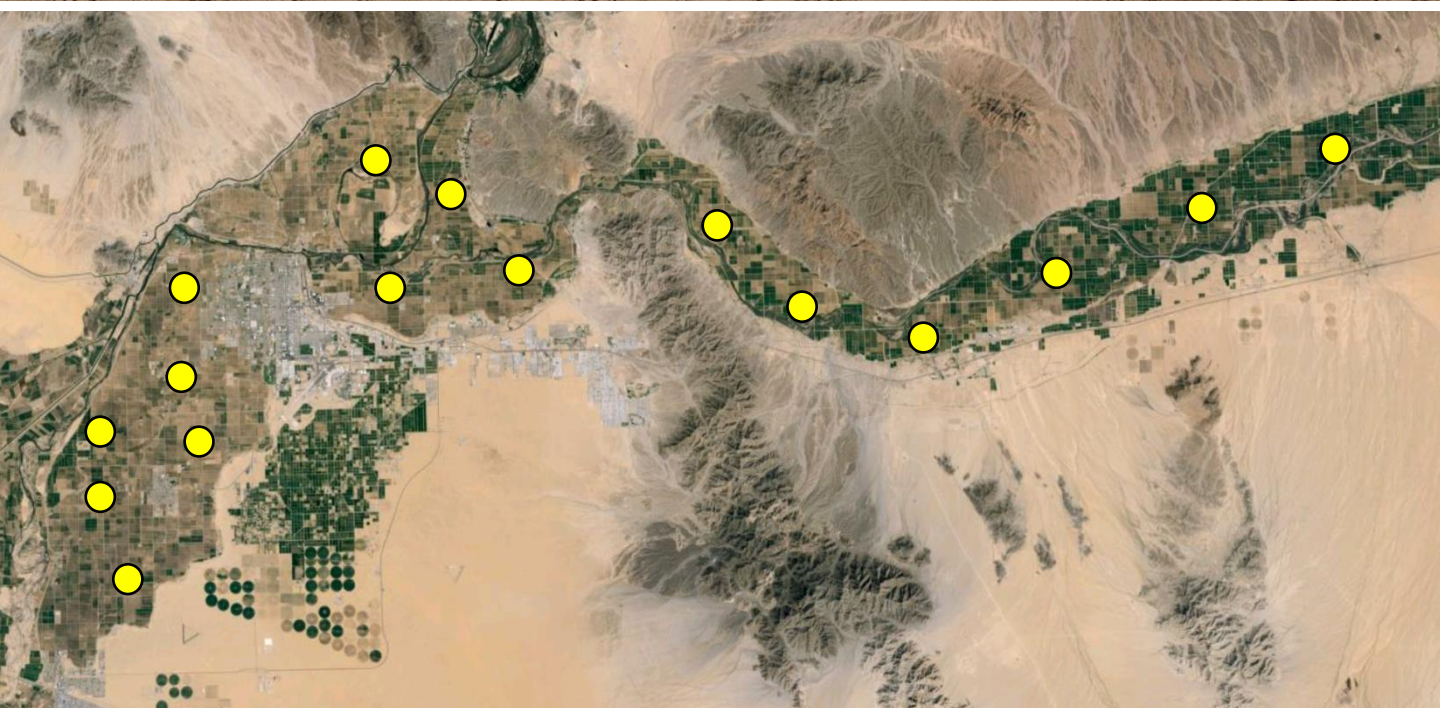
# Area-wide Insect Trapping Network

North Gila Valley

Corn earworm

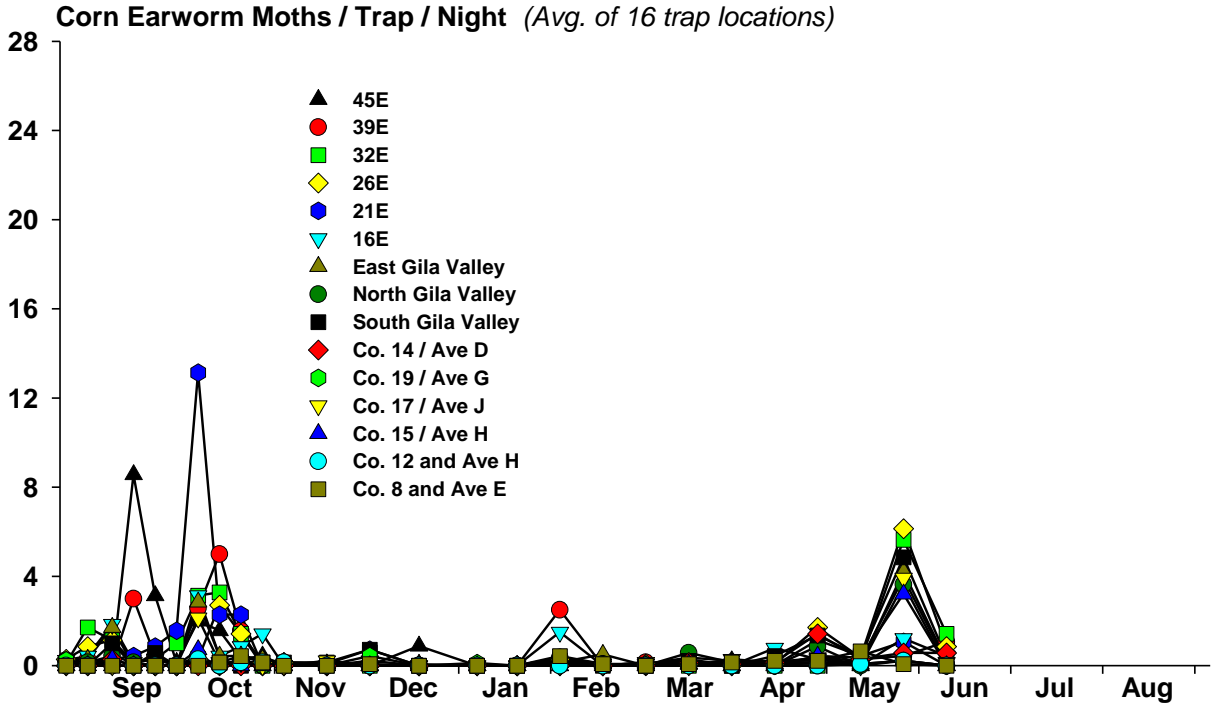
Whiteflies  
Aphids  
Thrips  
Leafminers

Beet armyworm  
Cabbage looper



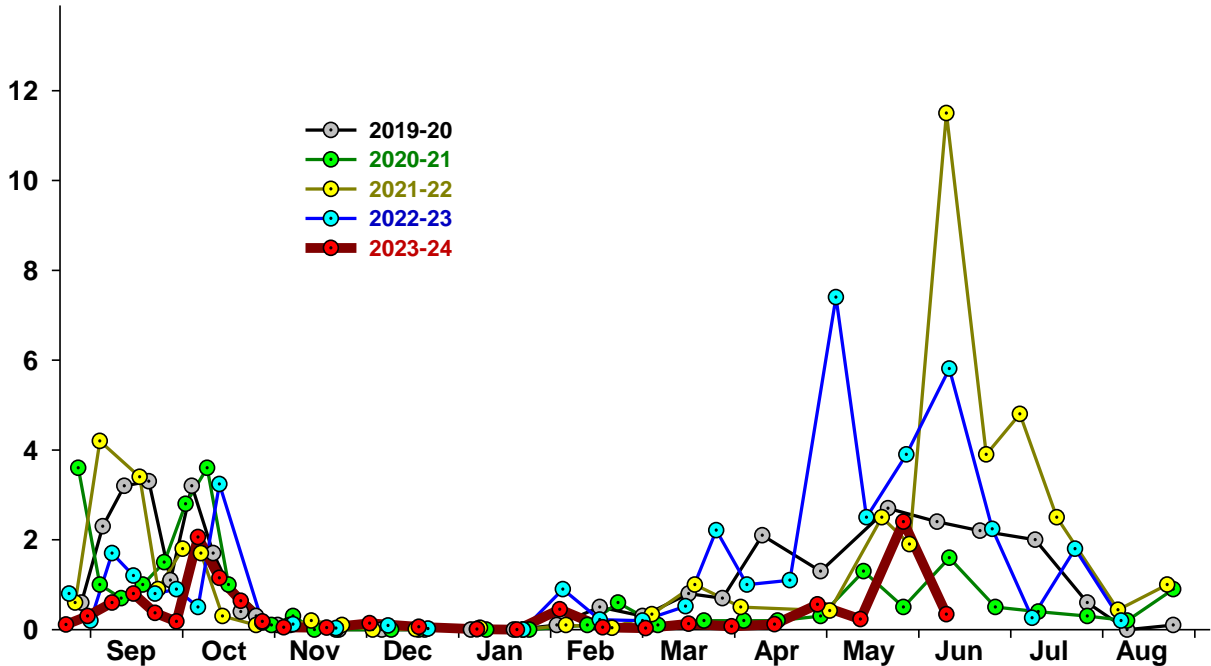
## Corn earworm

### 2023-2024



## 5 Year Average

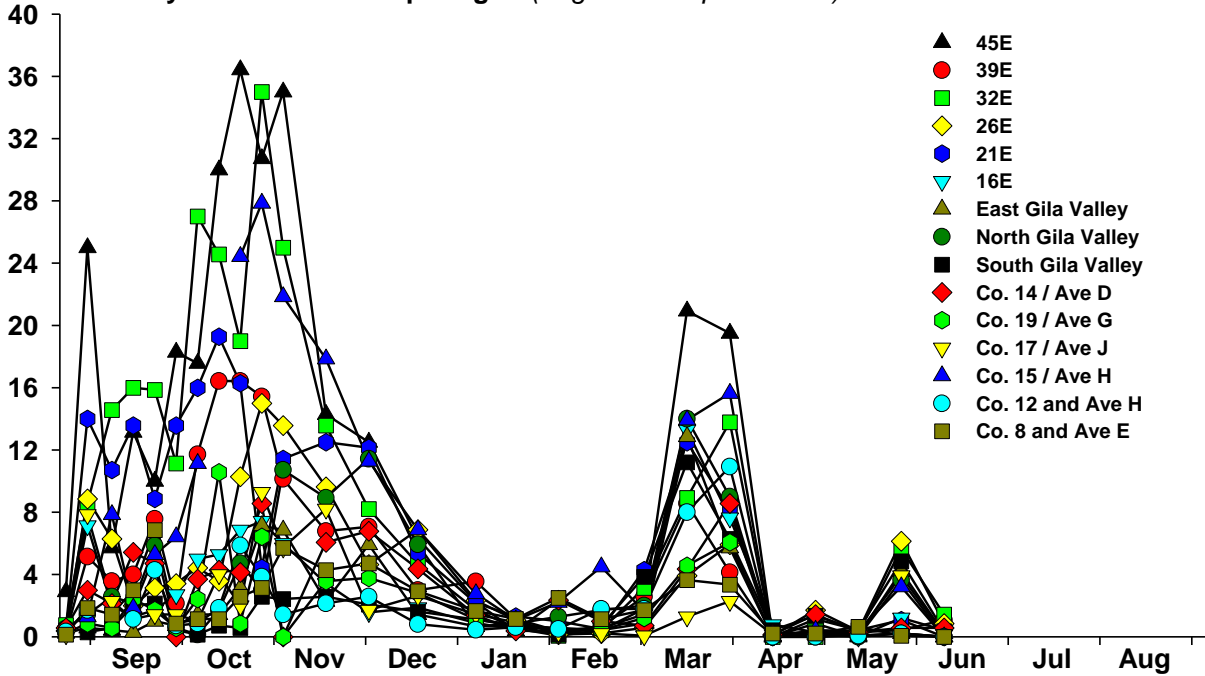
Corn Earworm Moths / Trap / Night (Avg. of 15 trap locations)



# Beet armyworm

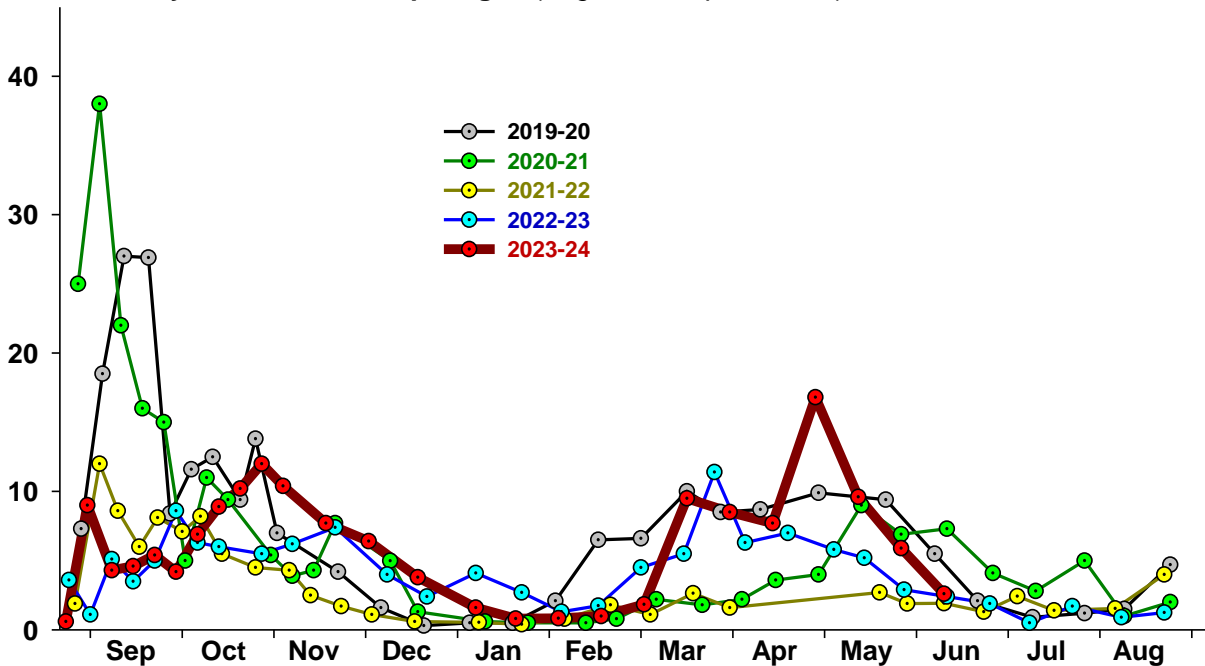
## 2023-2024

Beet Armyworm Moths / Trap / Night (Avg. of 15 trap locations)



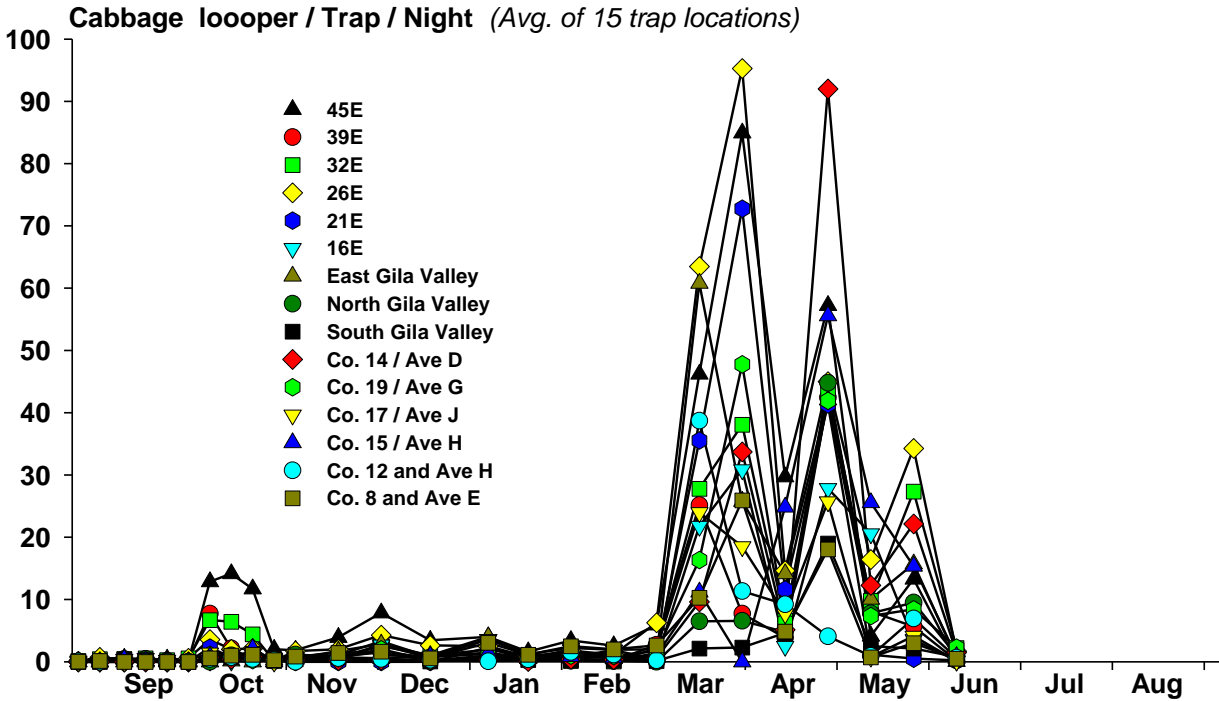
## 5 Year Average

Beet Armyworm Moths / Trap / Night (Avg. of 15 trap locations)



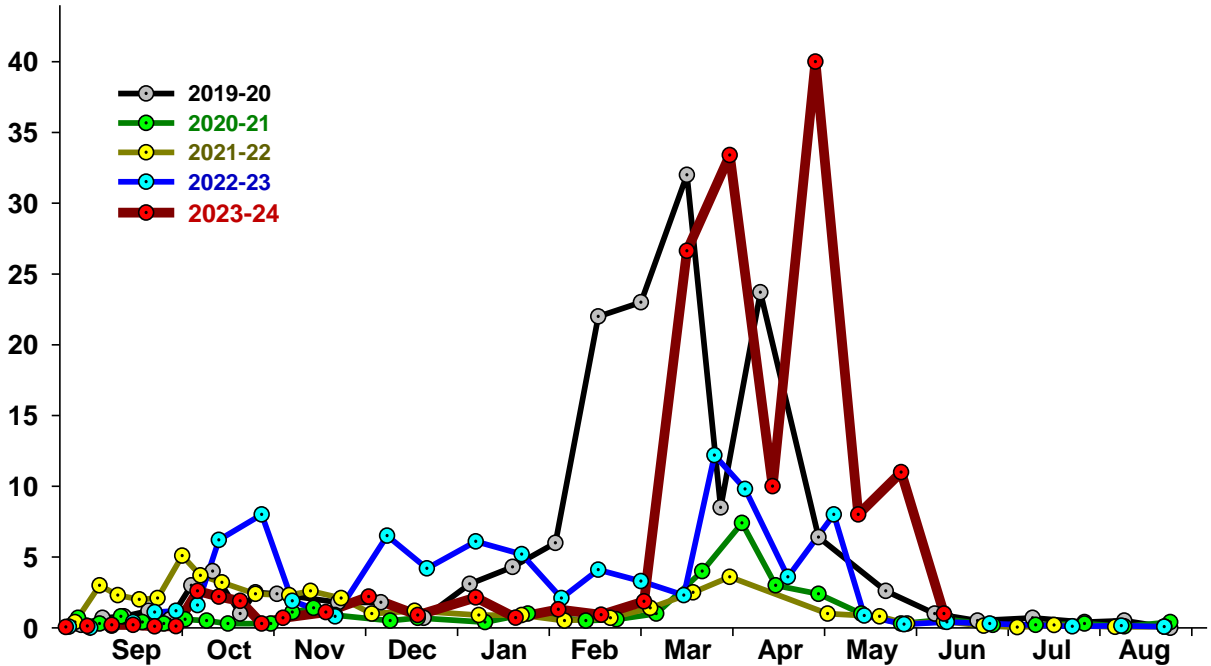
# Cabbage looper

## 2023-2024



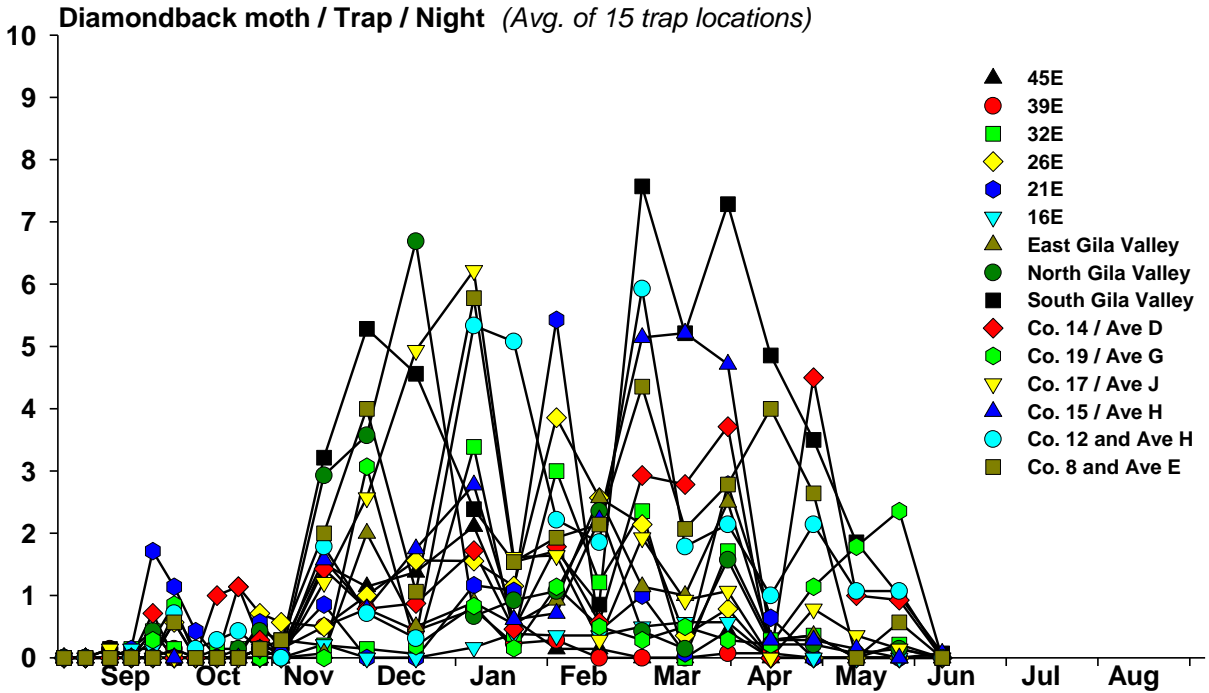
# 5 Year Average

Cabbage Looper Moths / Trap / Night (Avg. of 15 trap locations)

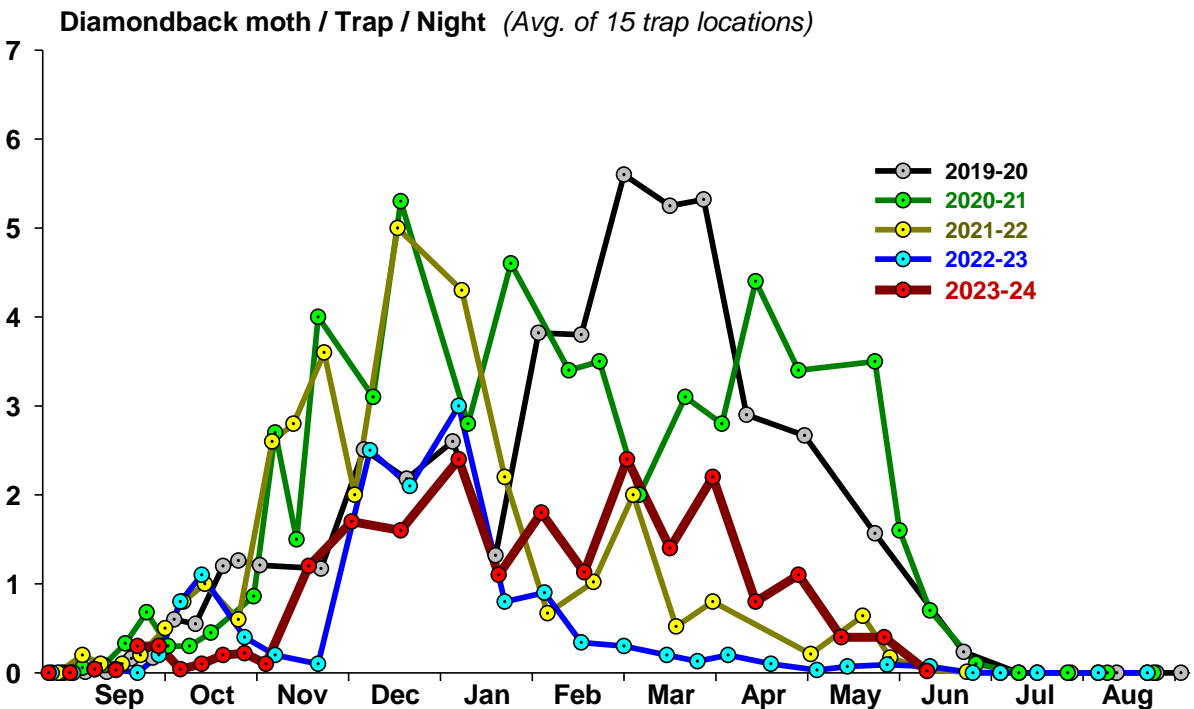


# Diamondback Moth

## 2023-2024



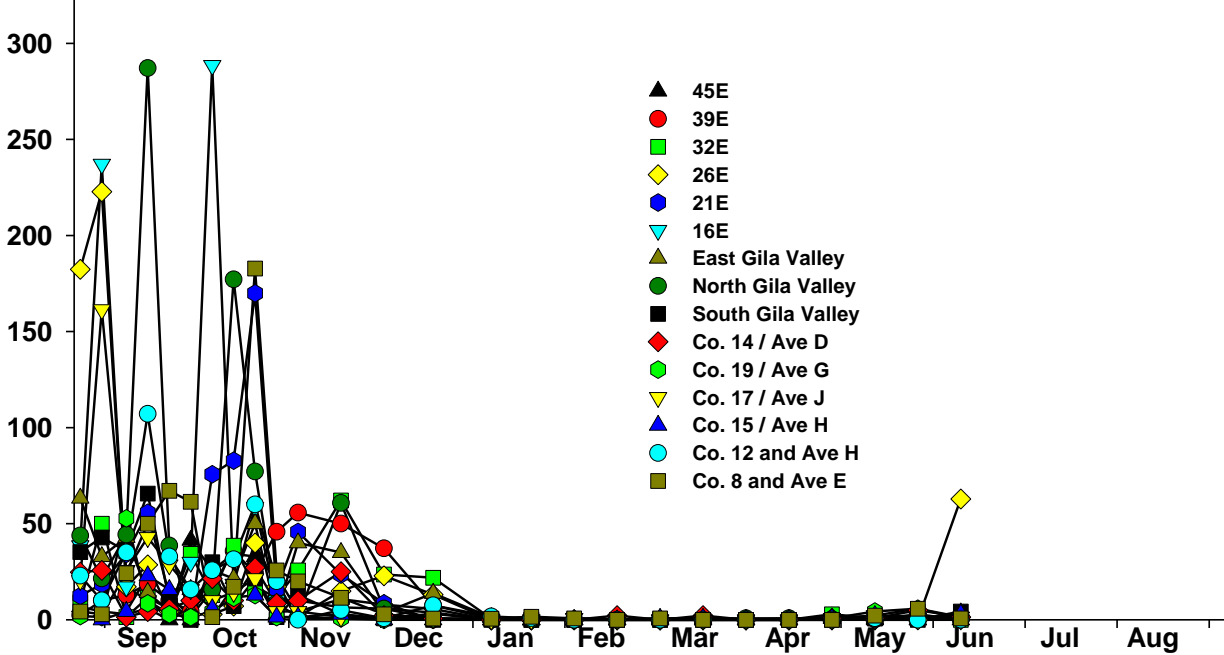
### 5 Year Average



# Whiteflies

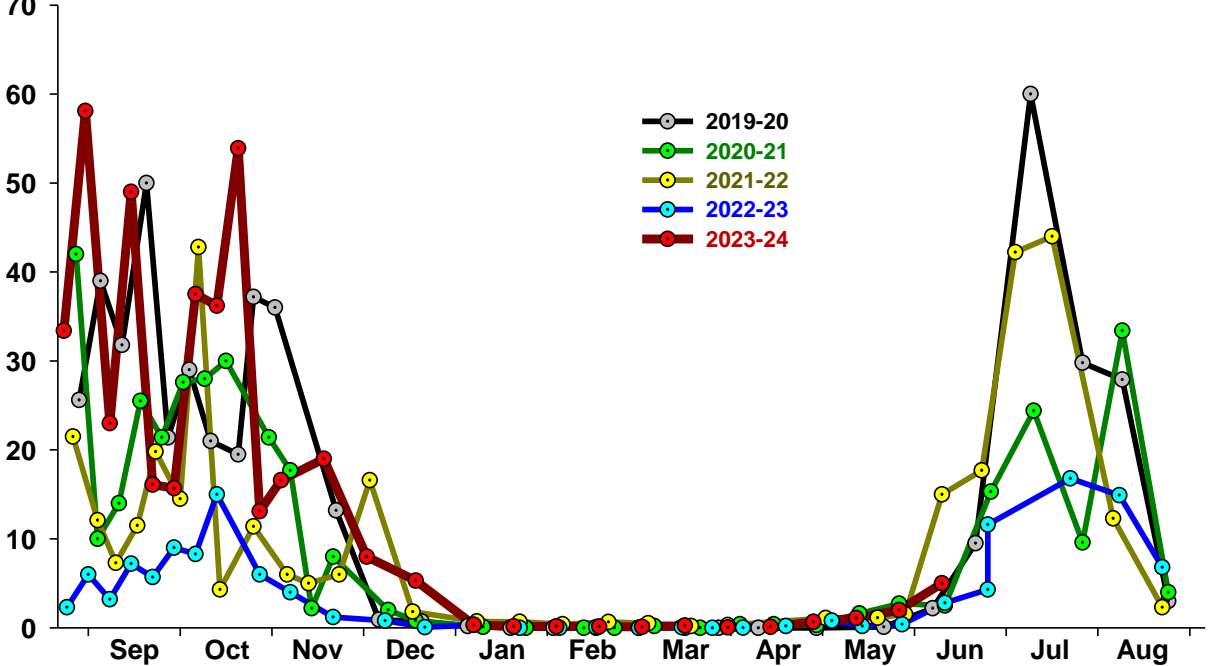
## 2023-2024

Whiteflies / Trap / Day (Avg. of 15 trap locations)



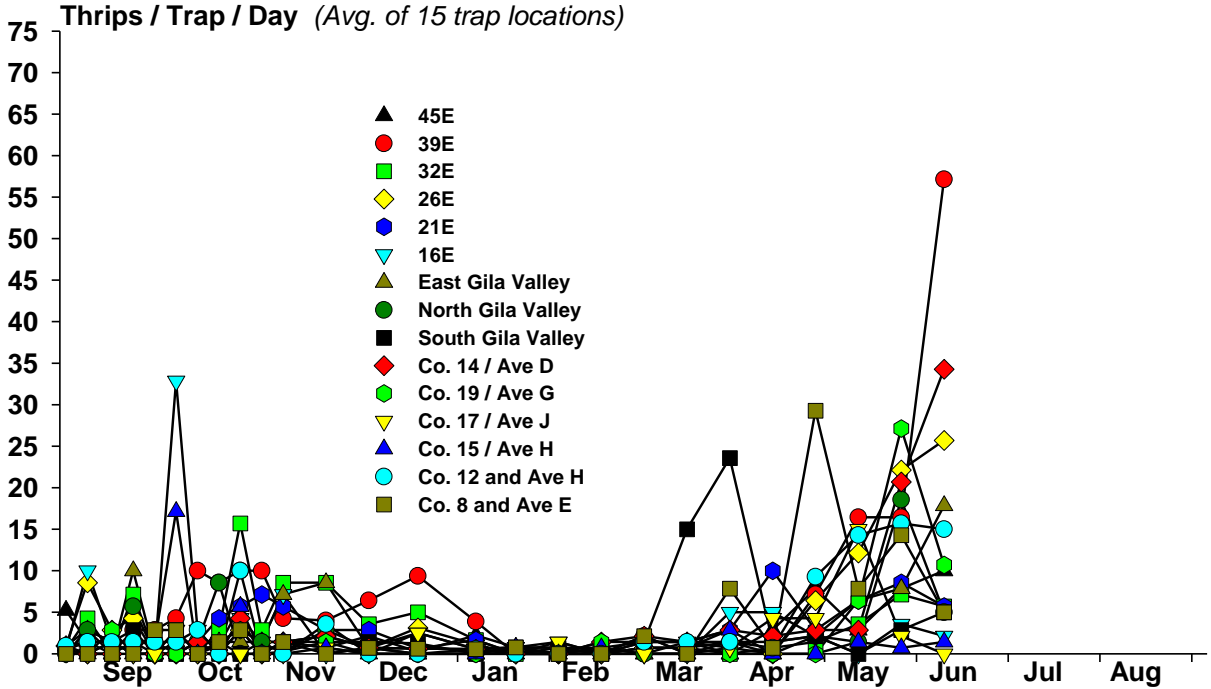
# 5 Year Average

Whiteflies / Trap / Day (Avg. of 16 trap locations)

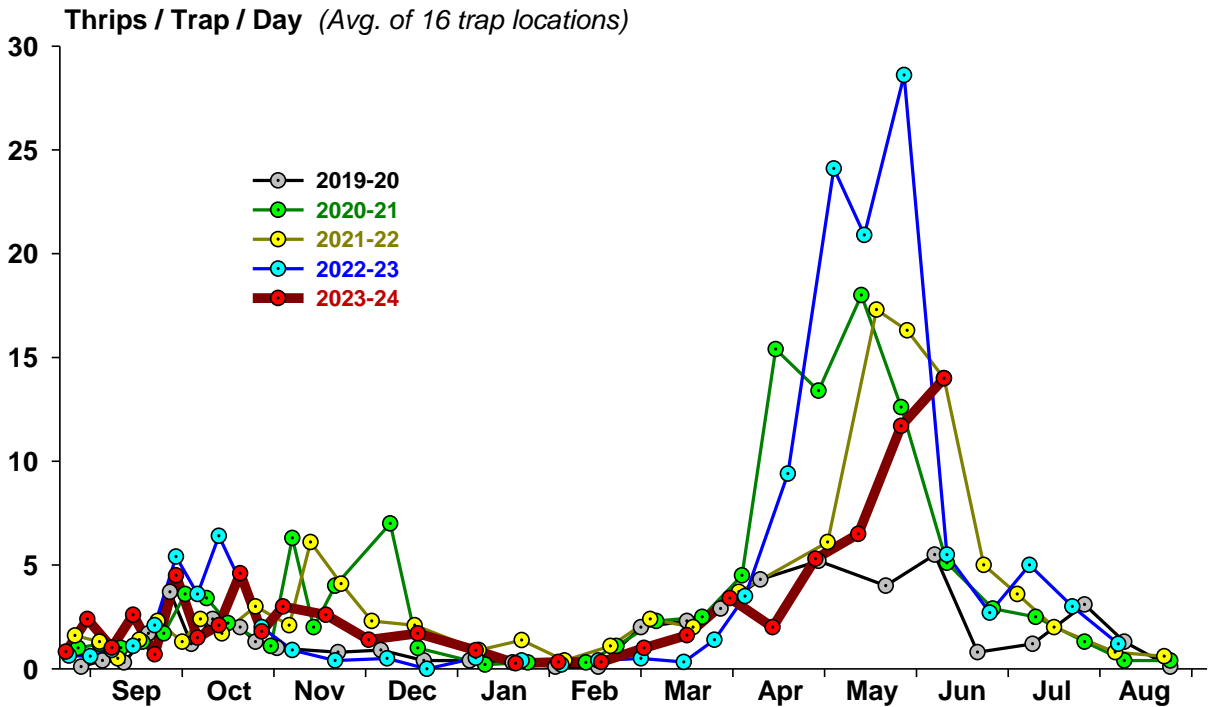


# Thrips

## 2023-2024

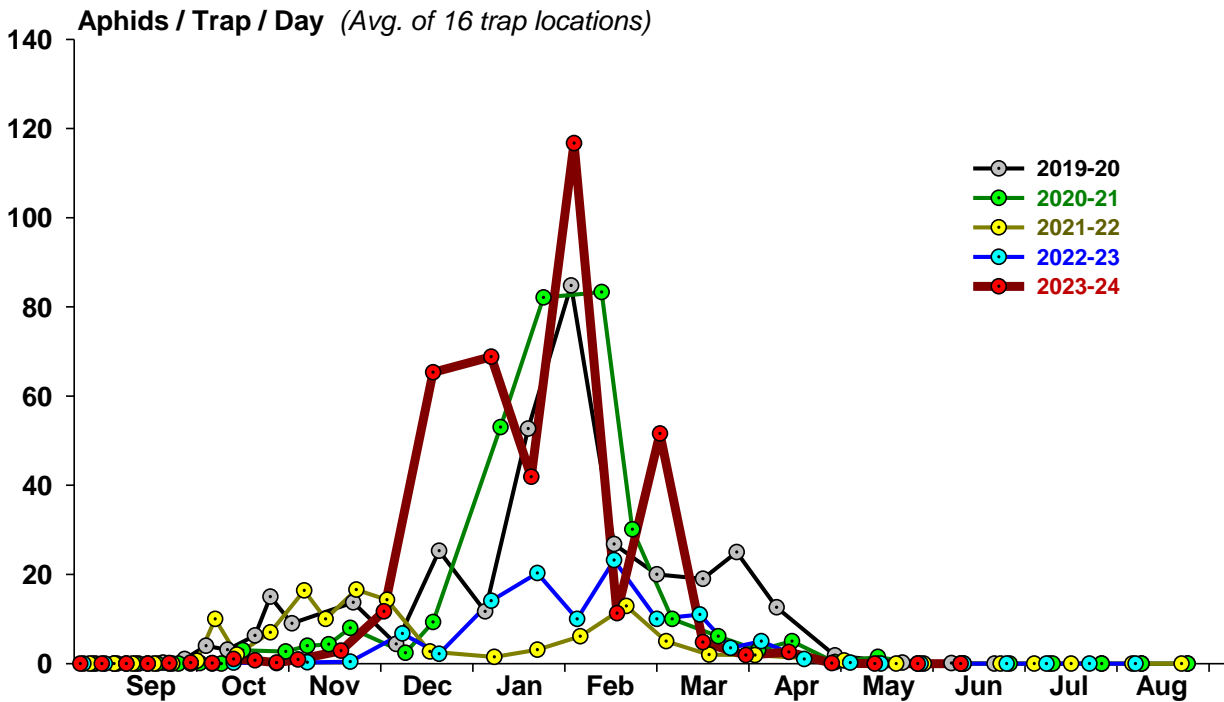
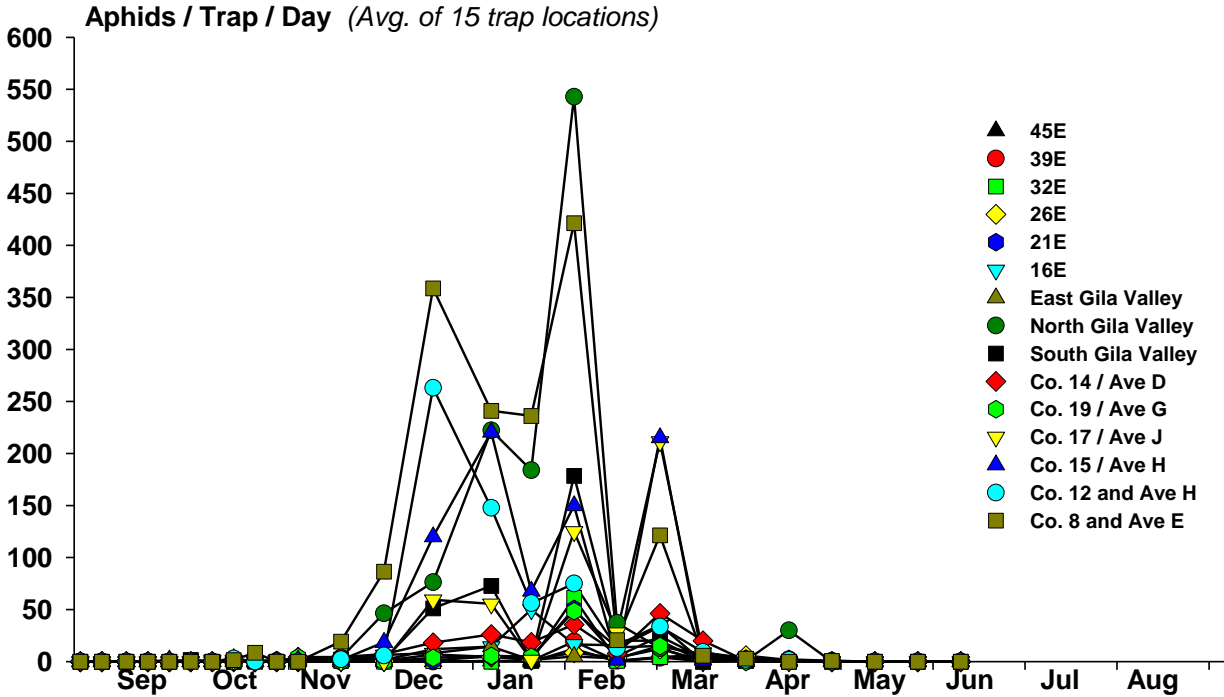


# 5 Year Average



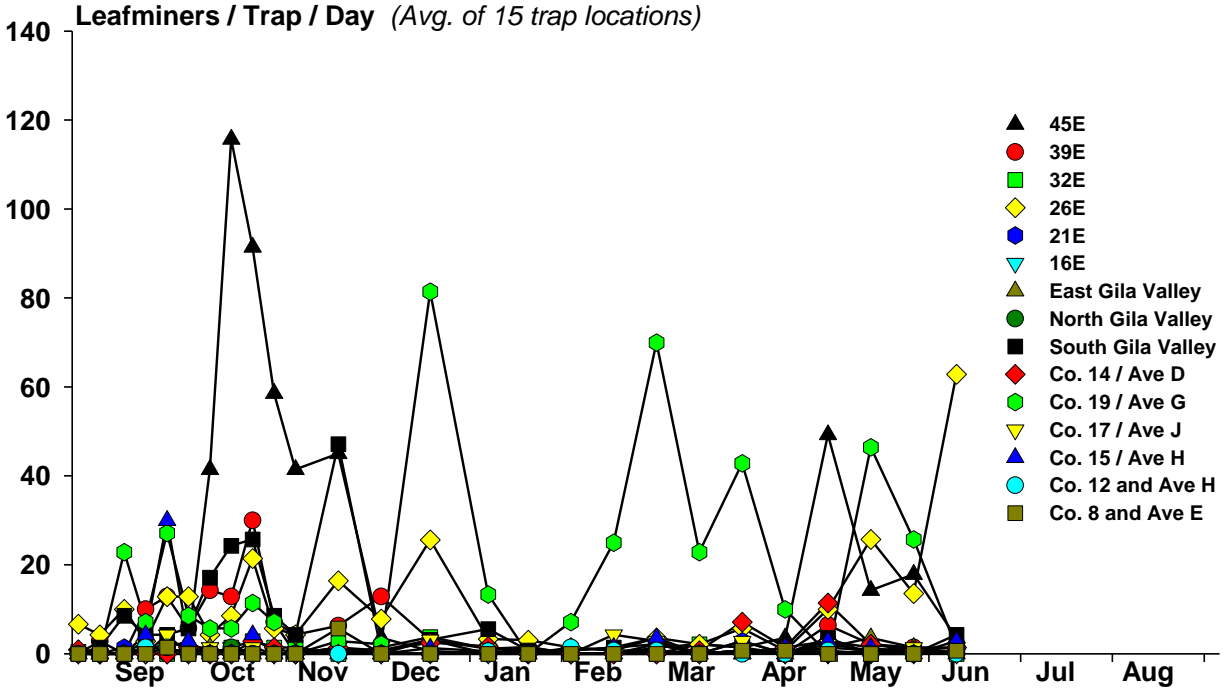
# Aphids

## 2023-2024



## Leafminers

### 2023-2024



## 5 Year Average

