

Areawide Insect Trapping Network



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES
COOPERATIVE EXTENSION
Yuma Agricultural Center

John C. Palumbo, Dept of Entomology

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 16 trapping locations have been established in the following areas (approximate location):

Trap Locations

1	Tacna	47E and Co. 2 St.
2	Roll	39E and Co. 4 St.
3	Roll/Wellton	32E and Co. 8 St.
4	Wellton	27E and Co. 10 St.
5	Dome Valley	21E and Co. 8 St.
6	Dome Valley	15E and Co. 3 St.
7	East Gila Valley	10E and Hwy 95
8	North Gila Valley	Laguna Dam Rd / Co. 3 St
9	South Gila Valley	5E and Hwy 95
10	Yuma Valley	Co. 14 and Ave D
11	Yuma Valley	Co. 20 and Ave G
12	Yuma Valley	Co. 17 and Ave J
13	Yuma Valley	Co. 19 and Ave D
14	Yuma Valley	Co. 12 and Ave F
15	Yuma Valley	Co. 8 and Ave E

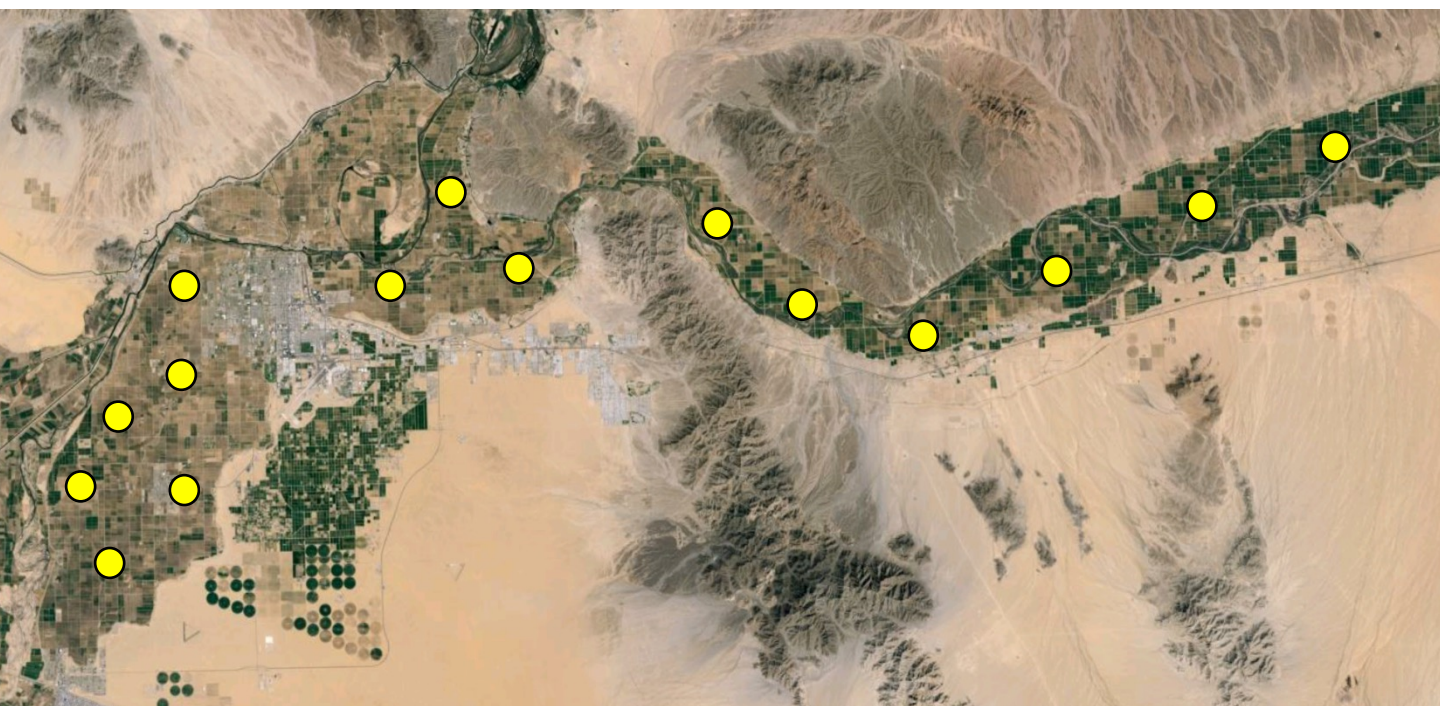
Area-wide Insect Trapping Network

North Gila Valley

Corn earworm

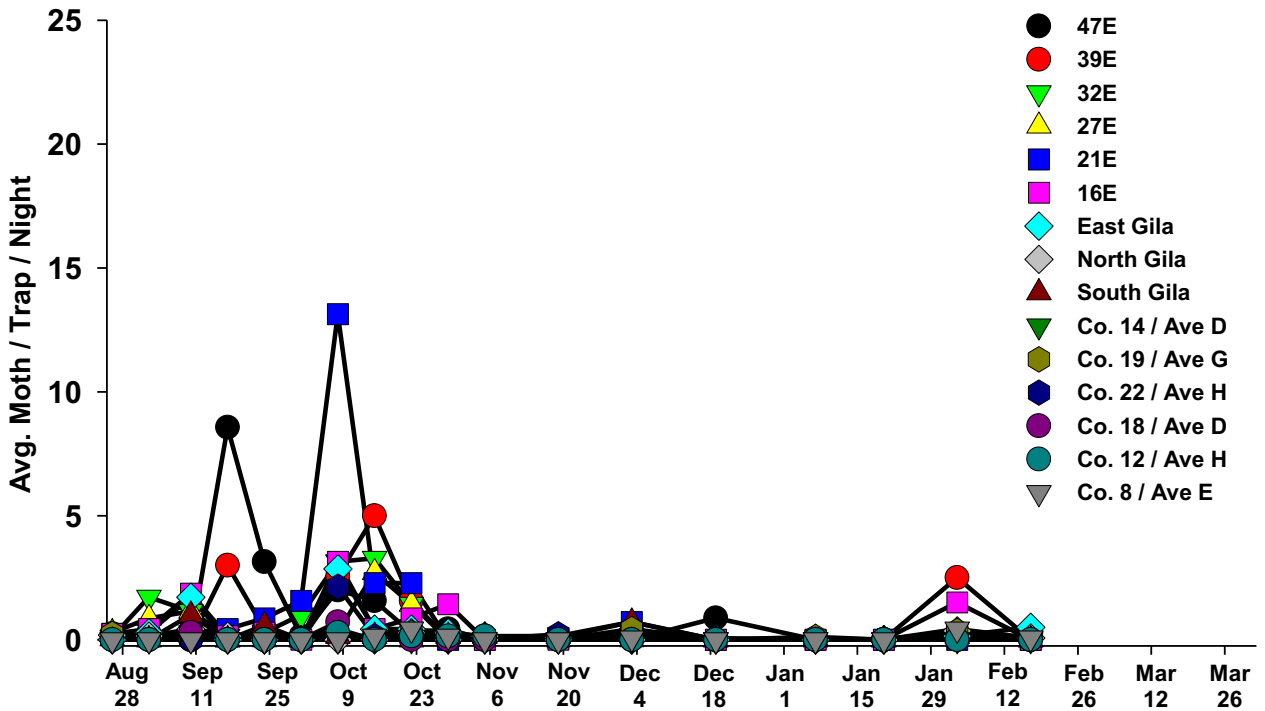
Whiteflies
Aphids
Thrips
Leafminers

Beet armyworm
Cabbage looper



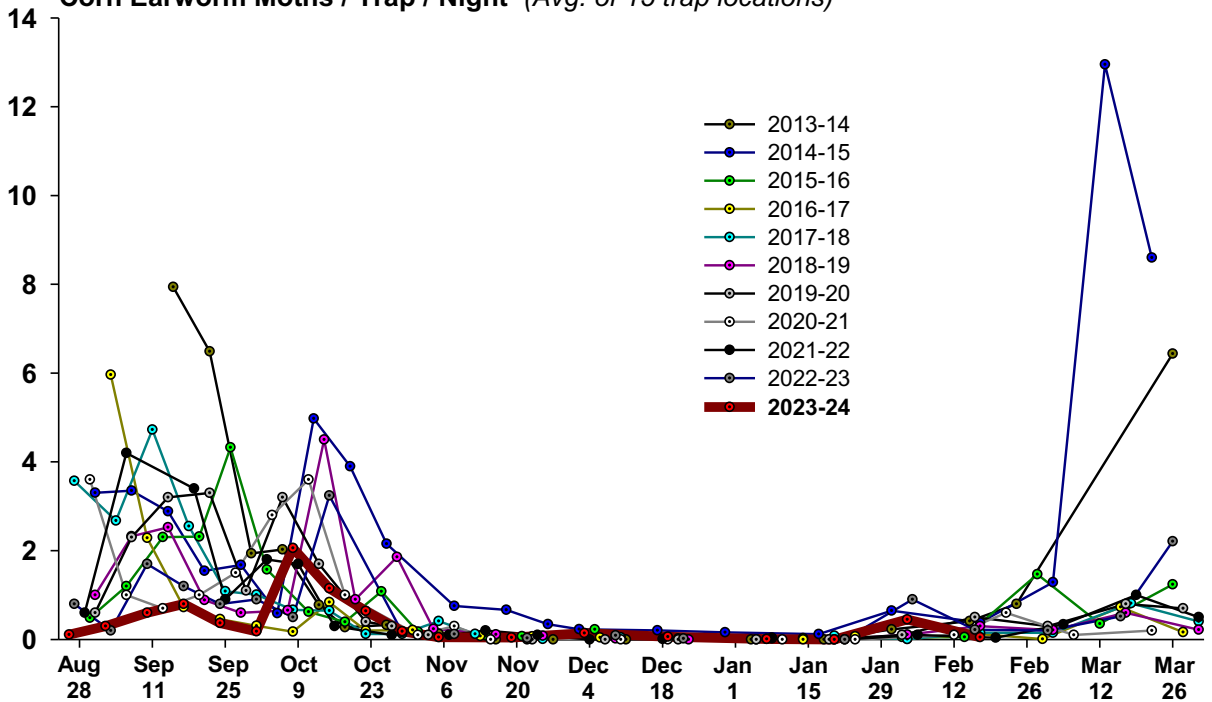
2023-2024

Corn Earworm



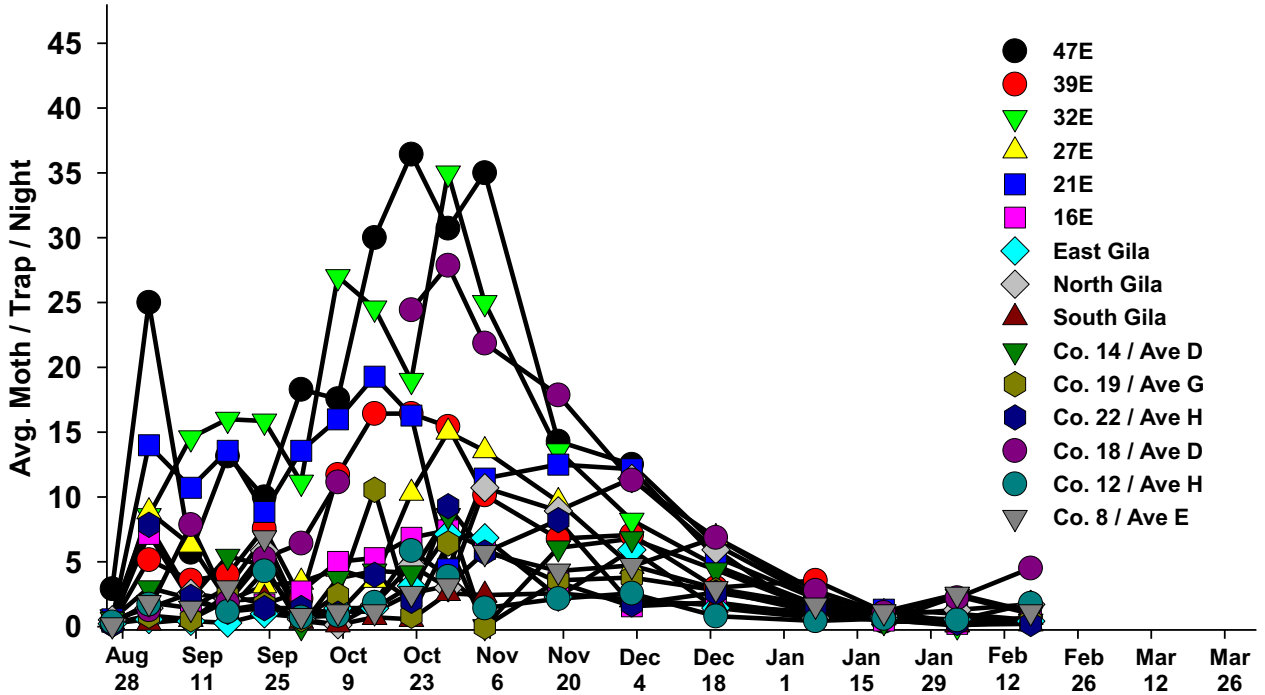
11 Year Average

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



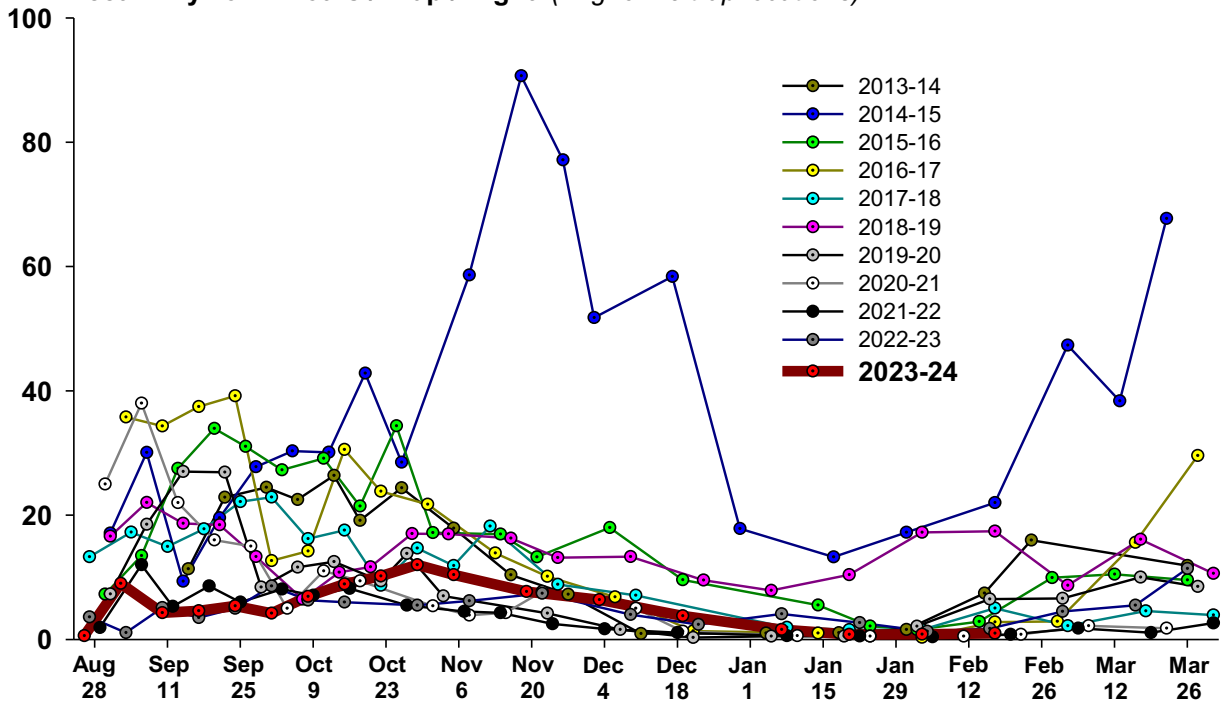
2023-2024

Beet Armyworm



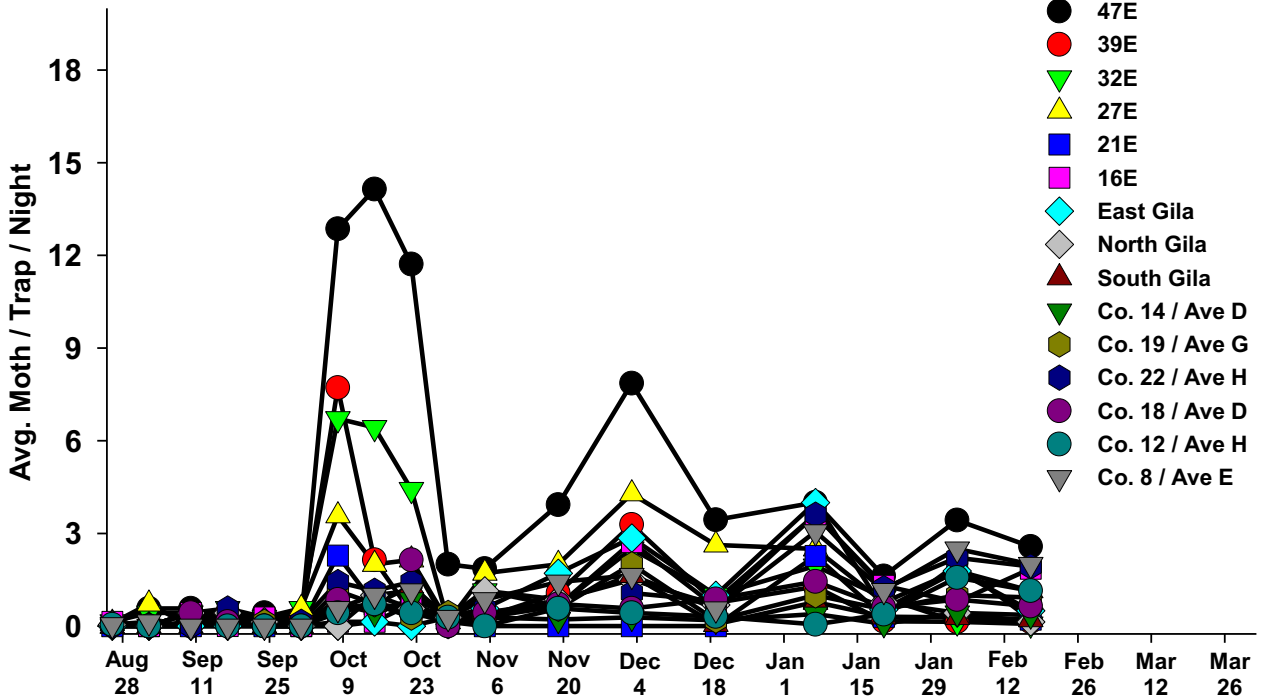
11 Year Average

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



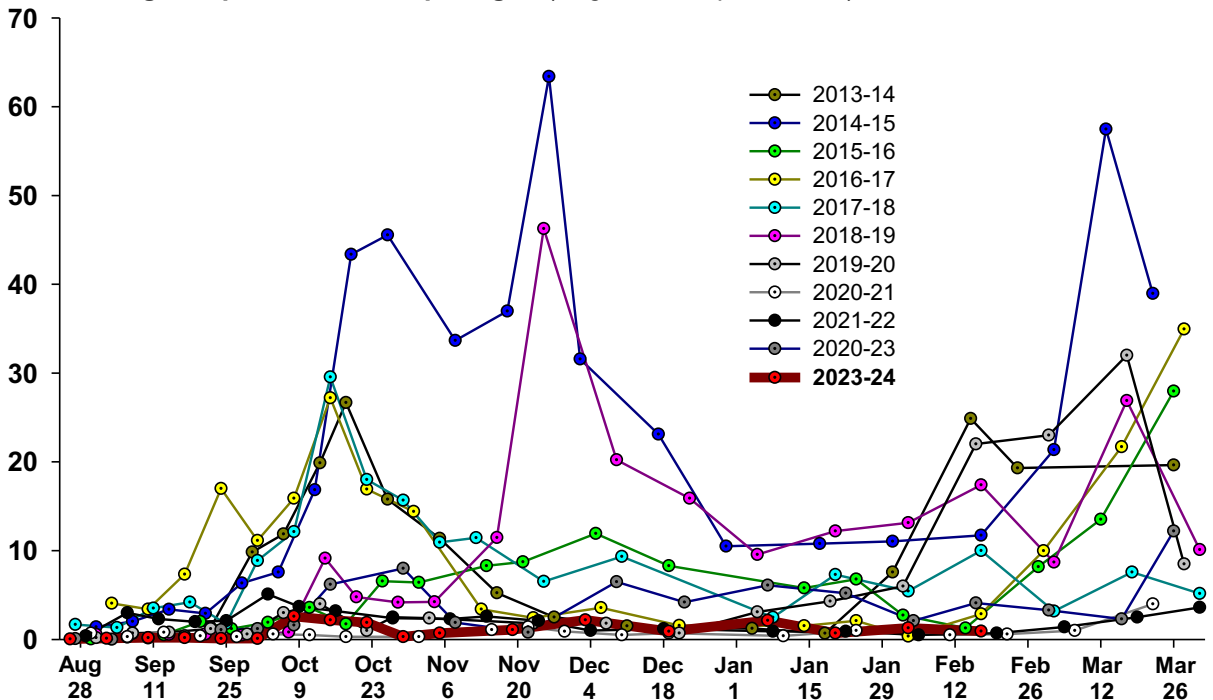
2023-2024

Cabbage Looper



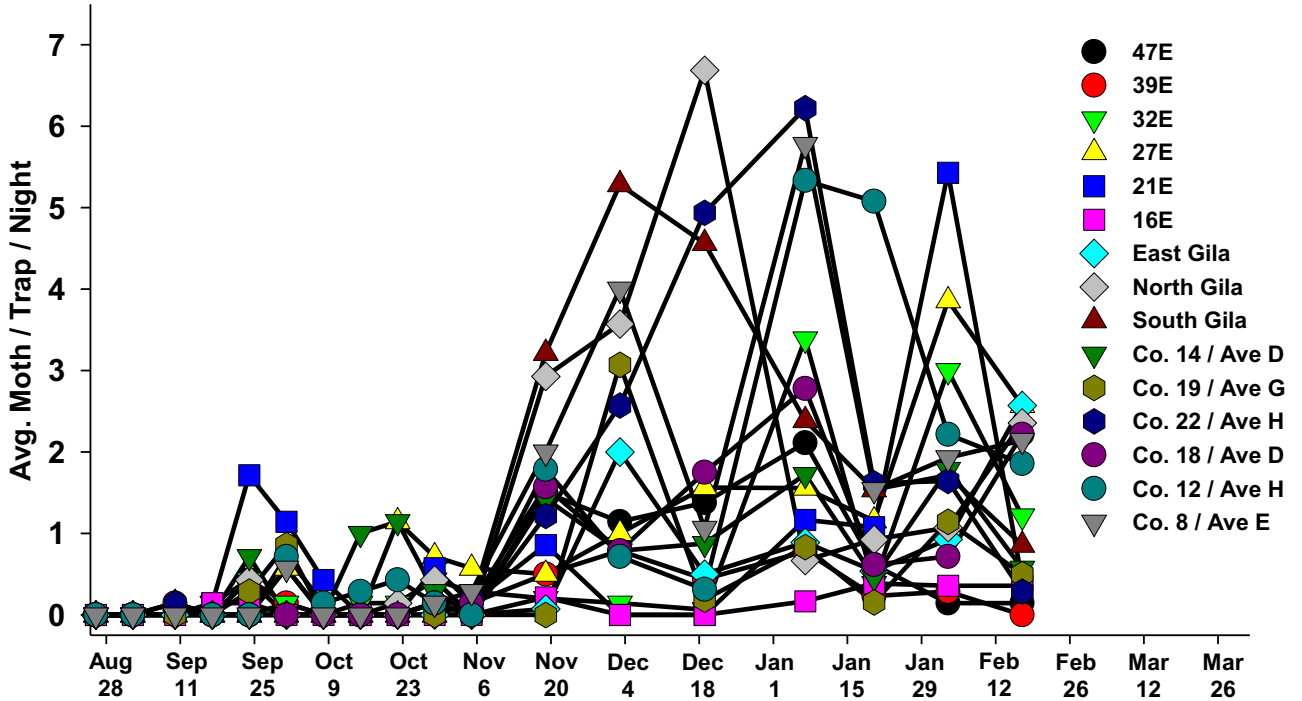
11 Year Average

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



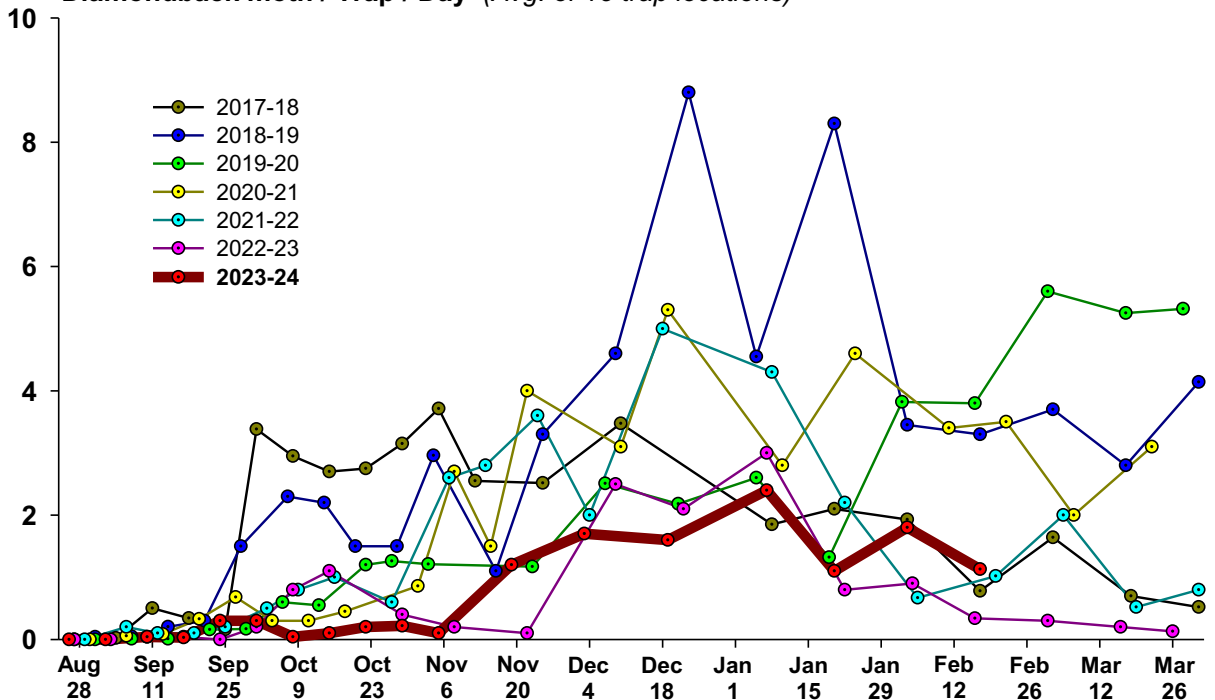
2023-2024

Diamondback Moth

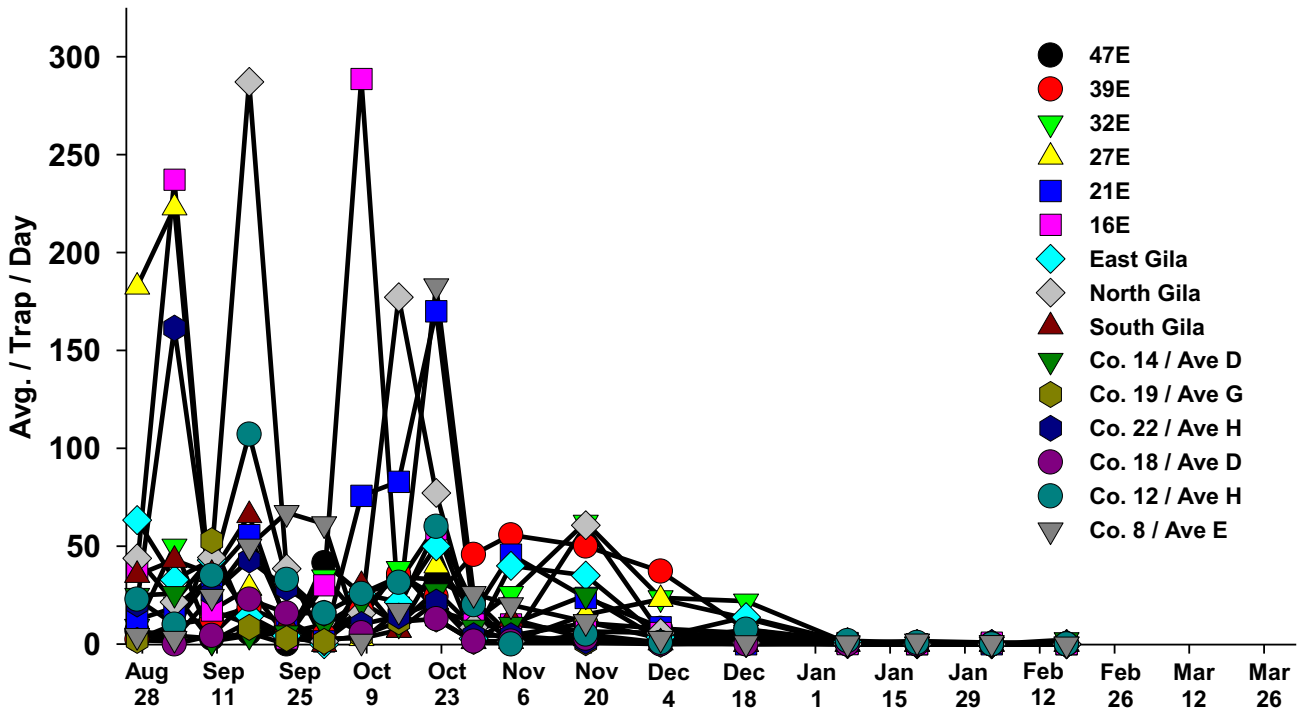


7 Year Average

Diamondback moth / Trap / Day (Avg. of 15 trap locations)

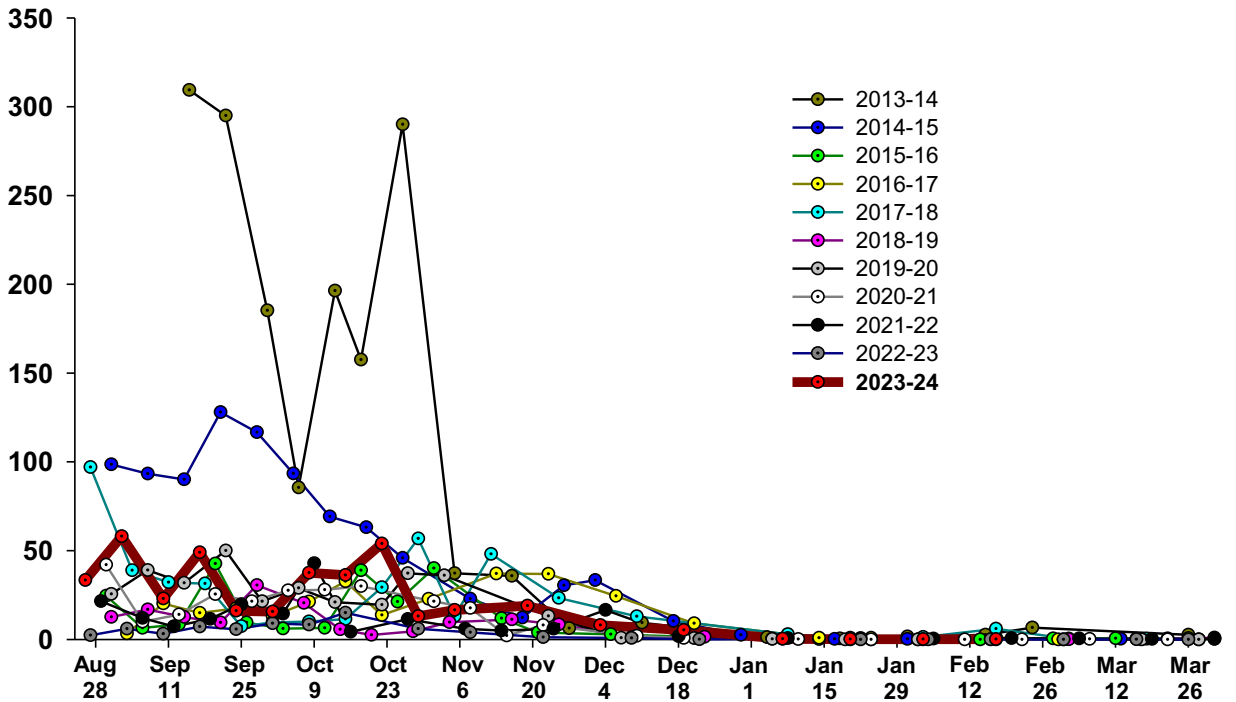


Whiteflies



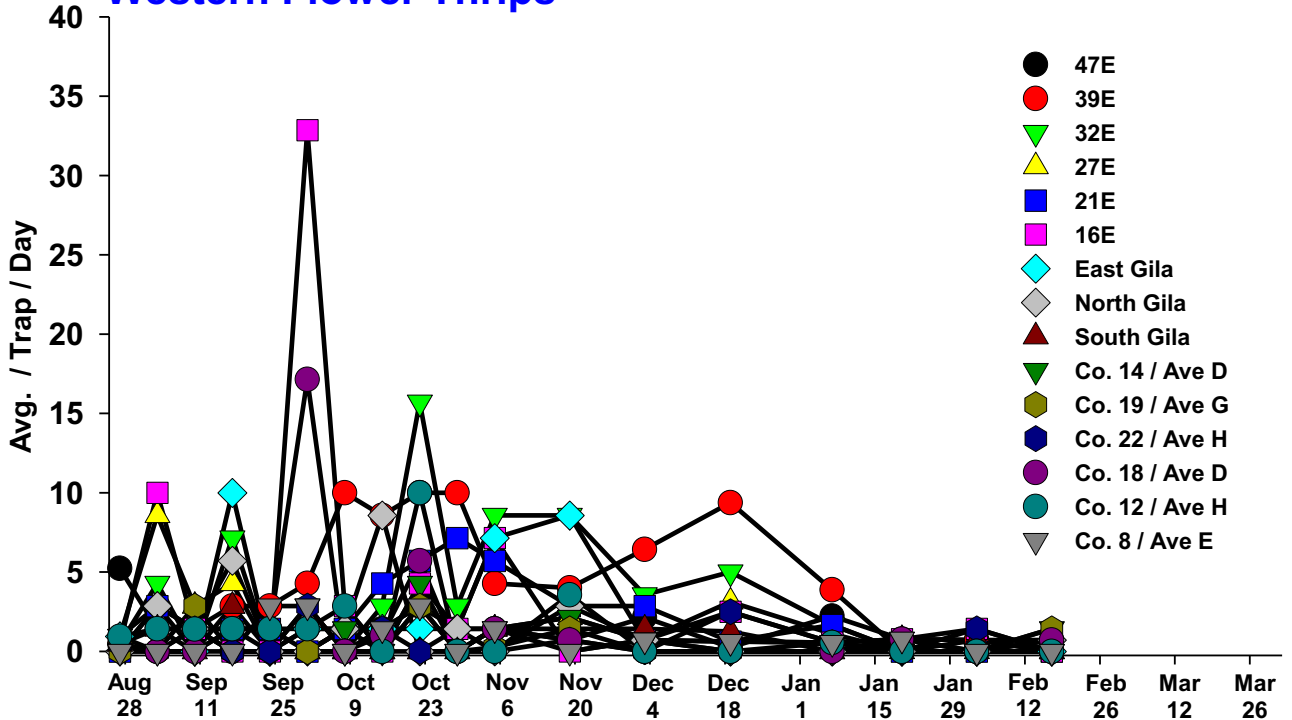
11 Year Average

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



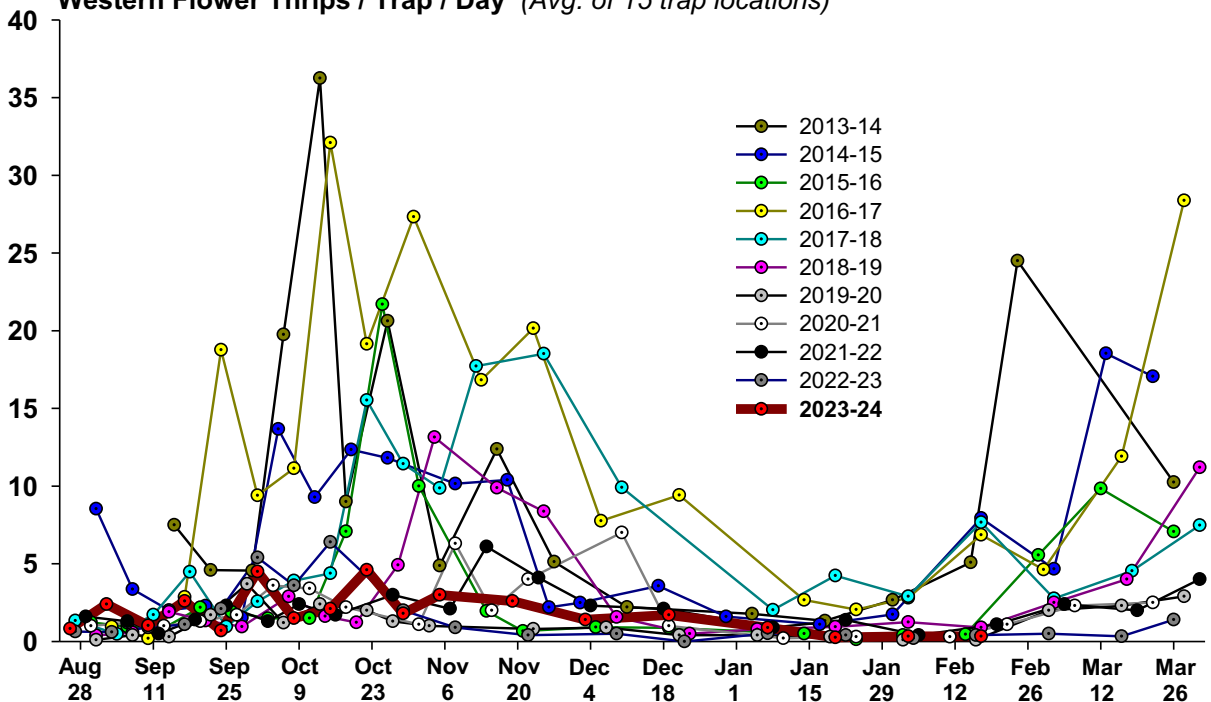
2023-2024

Western Flower Thrips



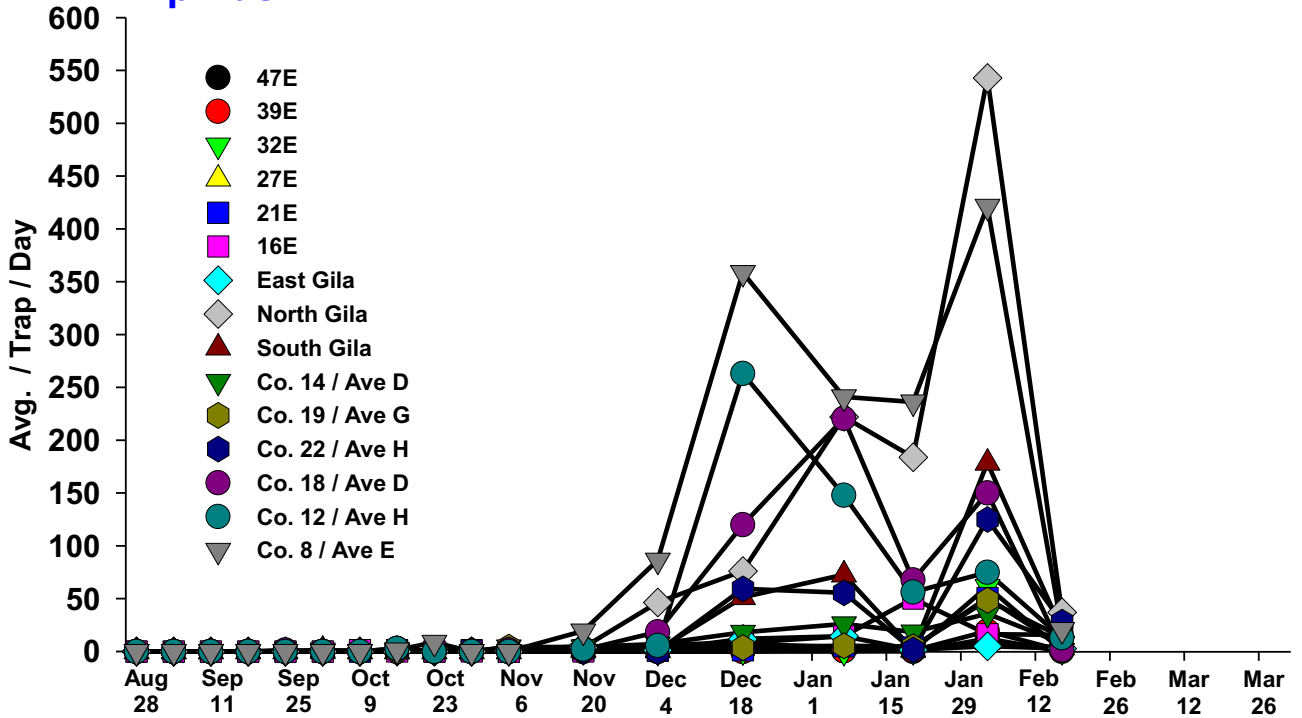
11 Year Average

Western Flower Thrips / Trap / Day (Avg. of 15 trap locations)



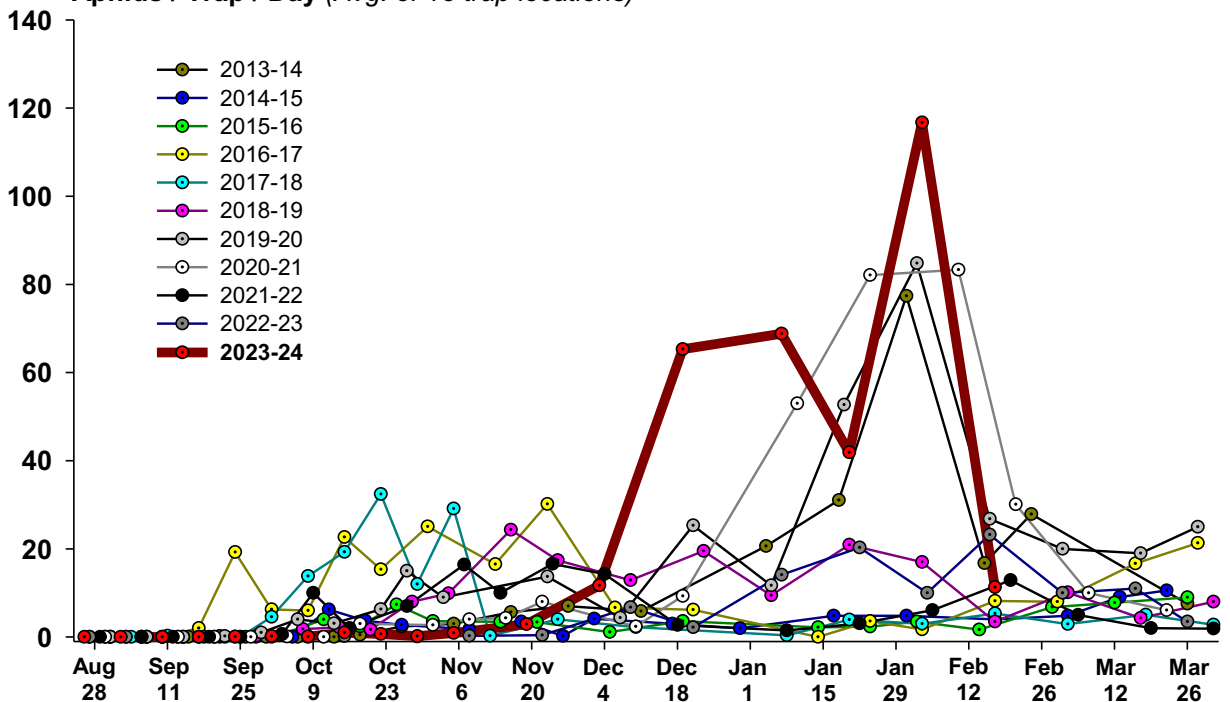
2023-2024

Aphids

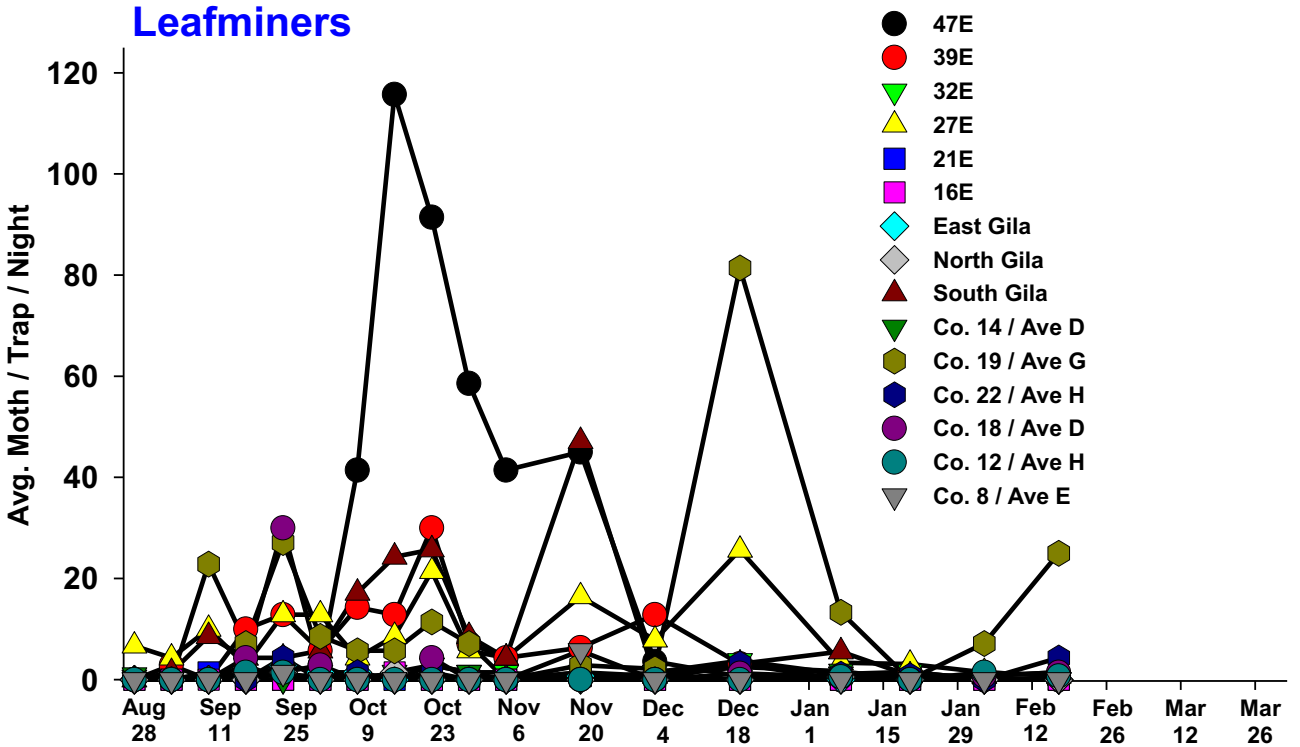


11 Year Average

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



2023-2024



10 Year Average

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

