

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	Texas Hill	50E and Co. 2 St.
2	Tacna/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	16E and Co. 6 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. 19 and Ave G
12	Yuma Valley	Co. 17 and Ave J
13	Yuma Valley	Co. 18 and Ave H
14	Yuma Valley	Co. 12 and Ave F
15	Yuma Valley	Co. 8 and Ave E
16	Bard	Hoppe and Flood Rds

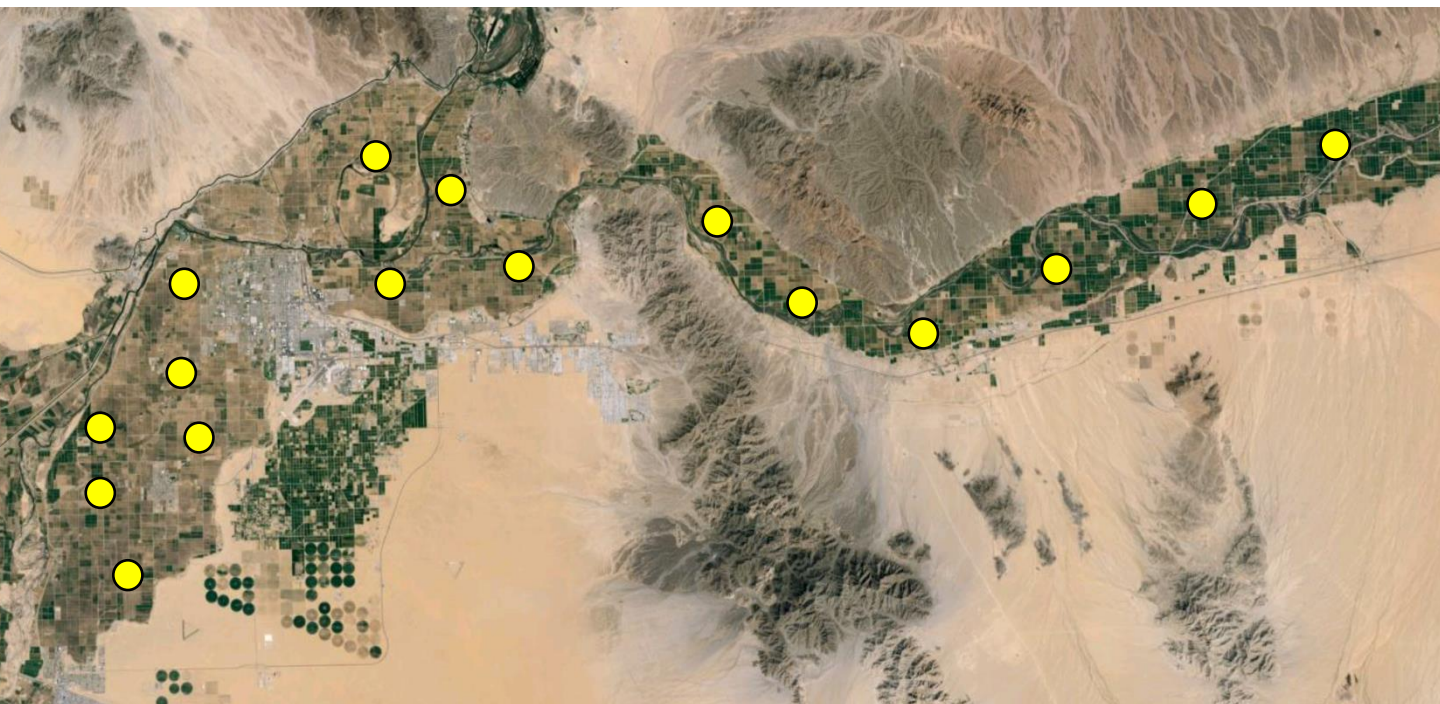
Area-wide Insect Trapping Network

North Gila Valley

Corn earworm

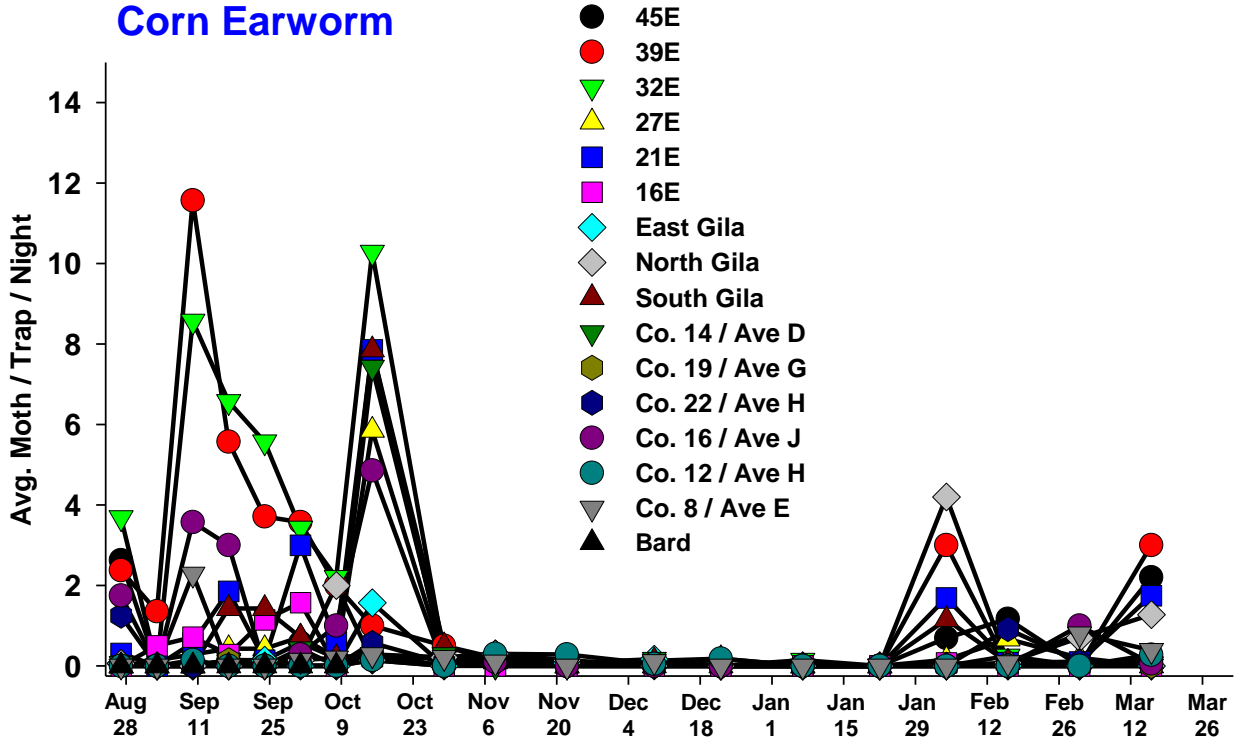
Whiteflies
Aphids
Thrips
Leafminers

Beet armyworm
Cabbage looper



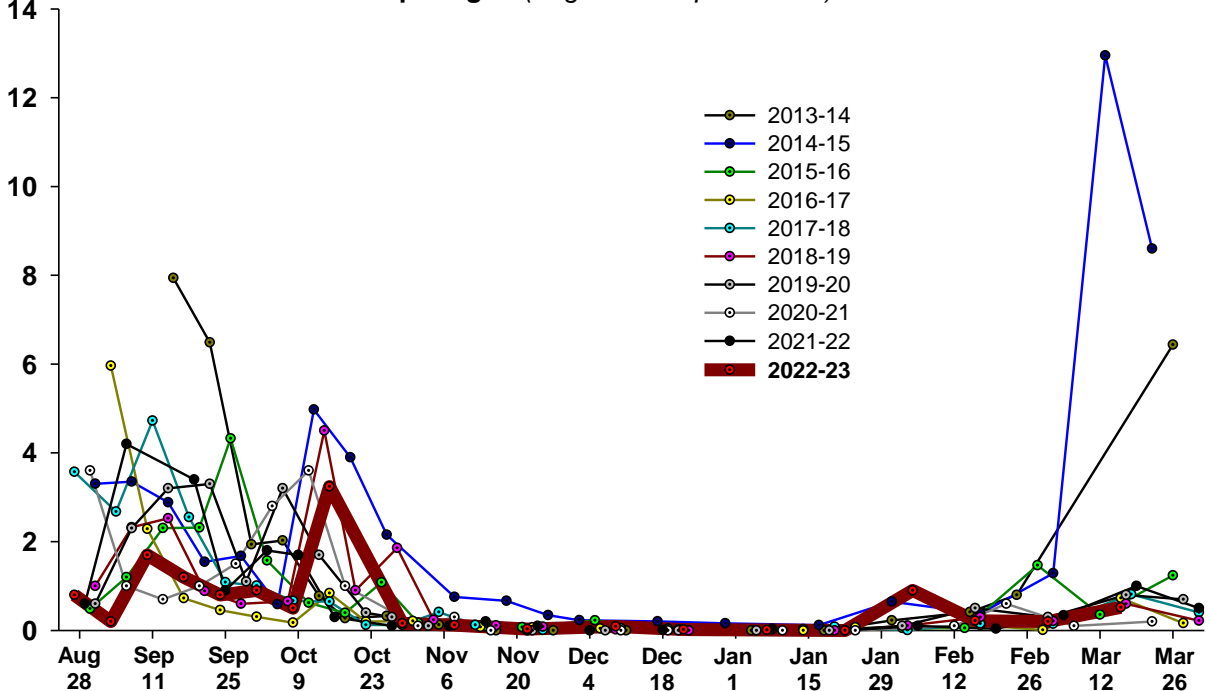
2022-2023

Corn Earworm



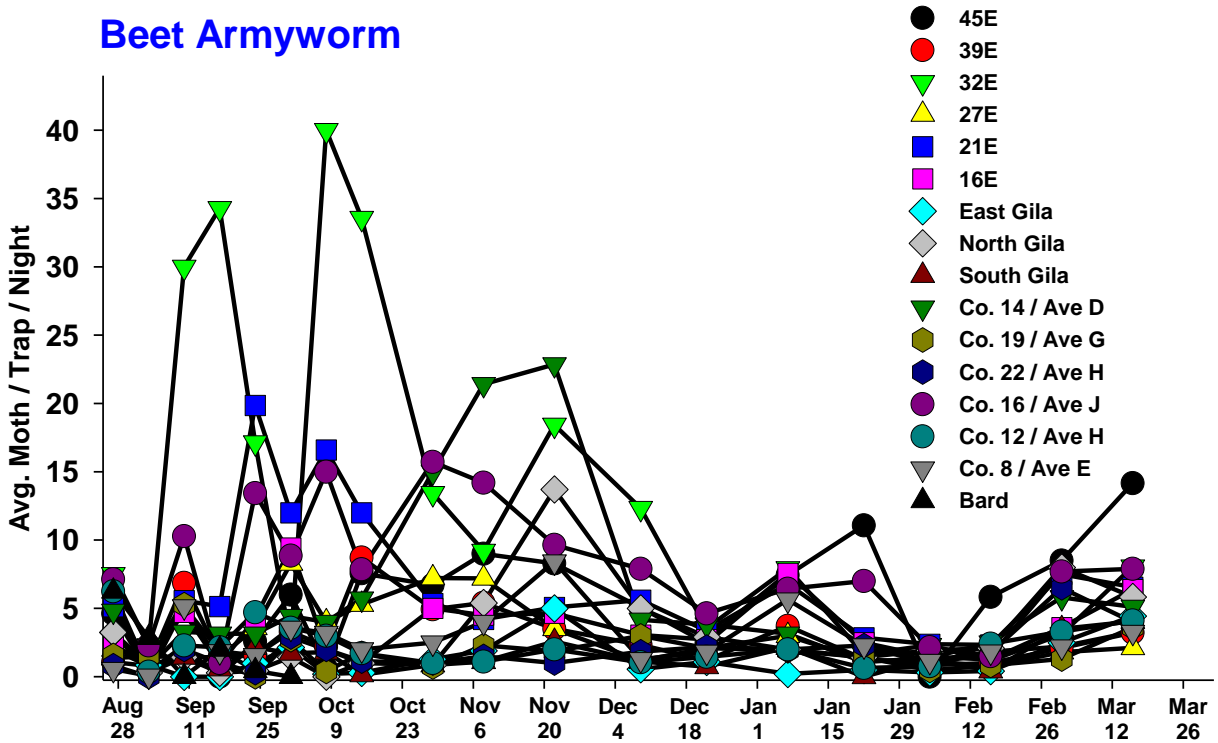
10 Year Average

Corn Earworm Moths / Trap / Night (Avg. of 16 trap locations)



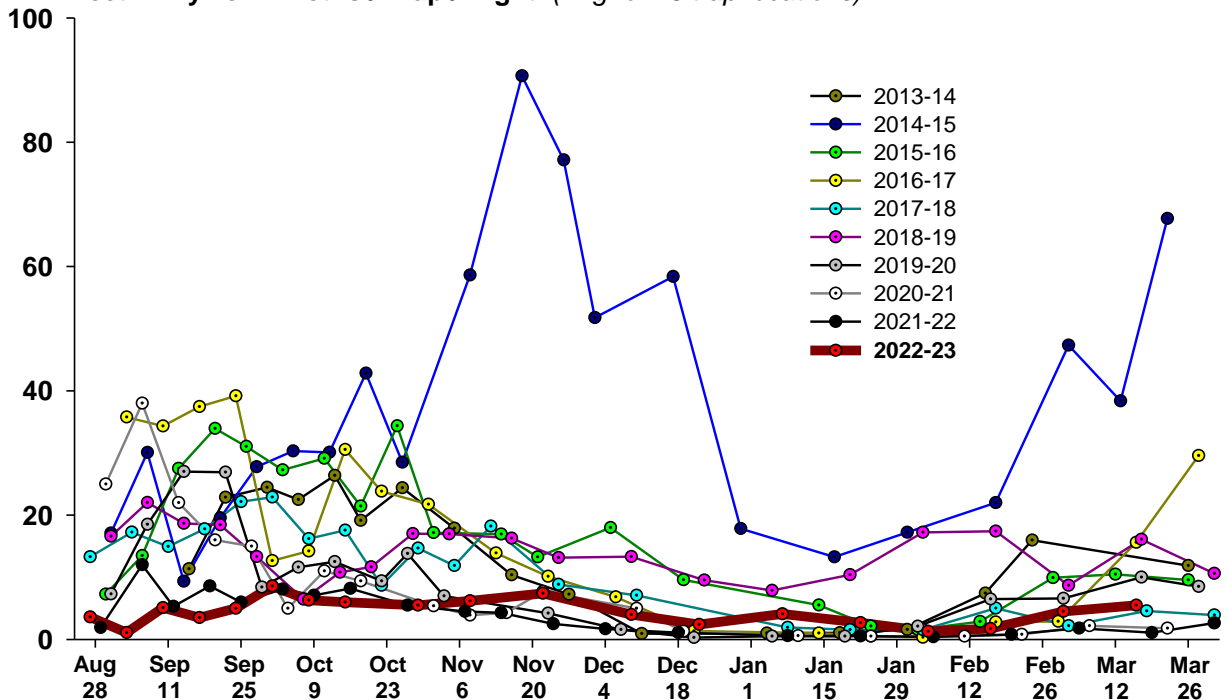
2022-2023

Beet Armyworm



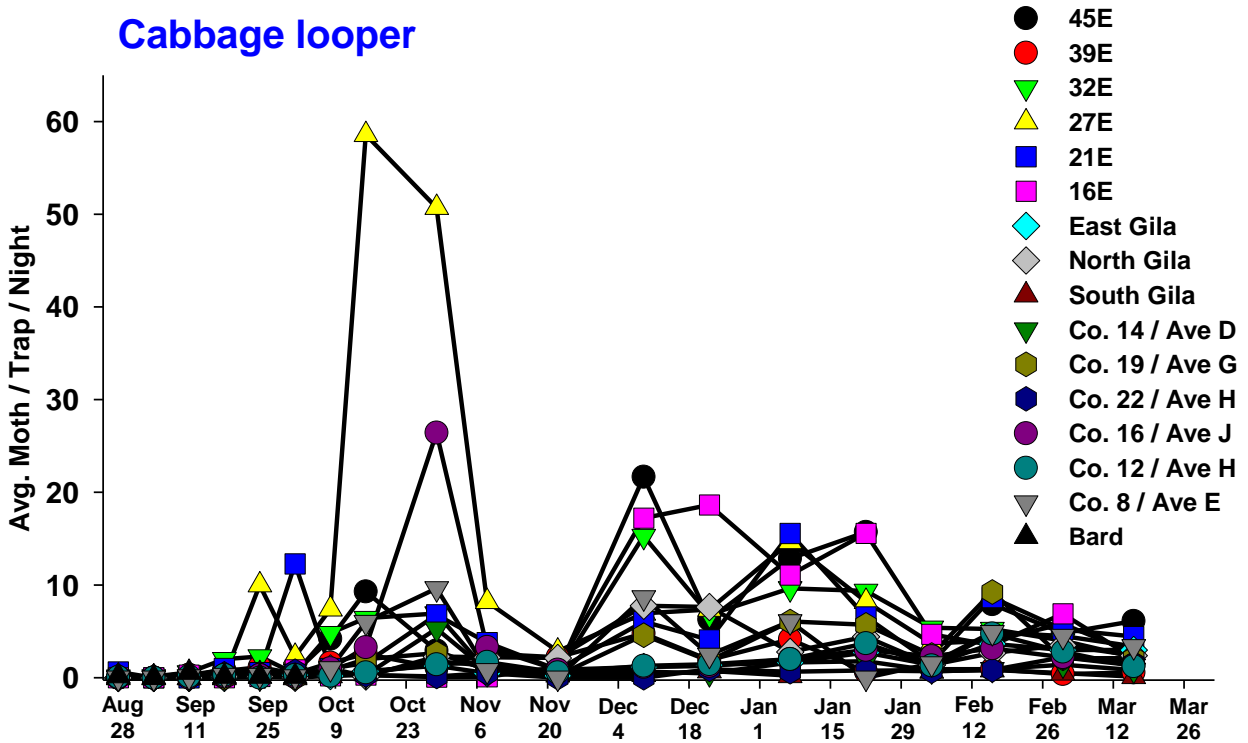
10 Year Average

Beet Armyworm Moths / Trap / Night (Avg. of 16 trap locations)



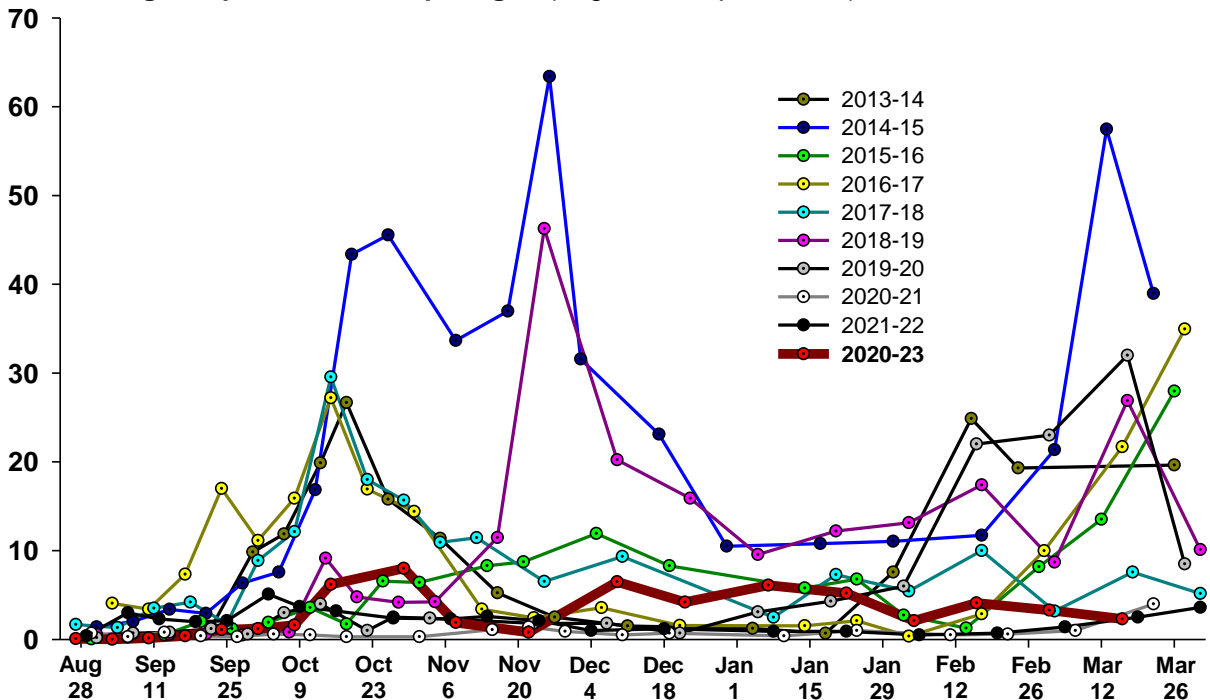
2022-2023

Cabbage looper



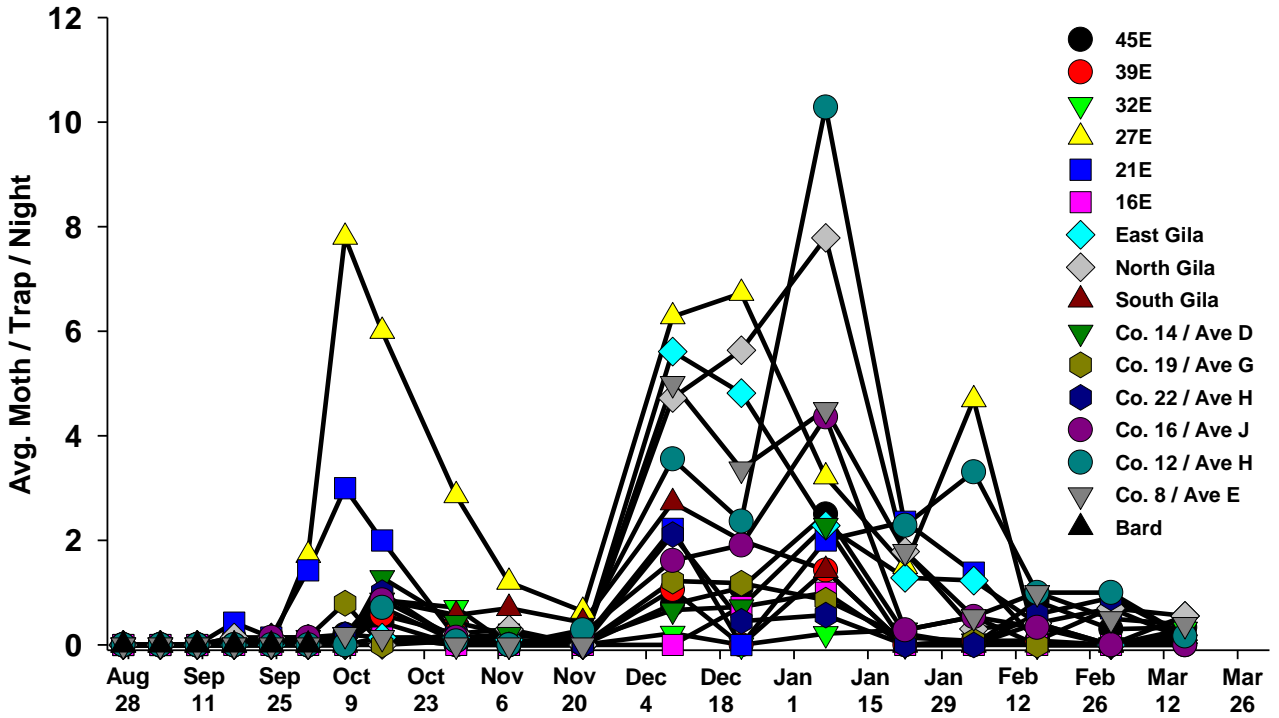
10 Year Average

Cabbage looper Moths / Trap / Night (Avg. of 16 trap locations)



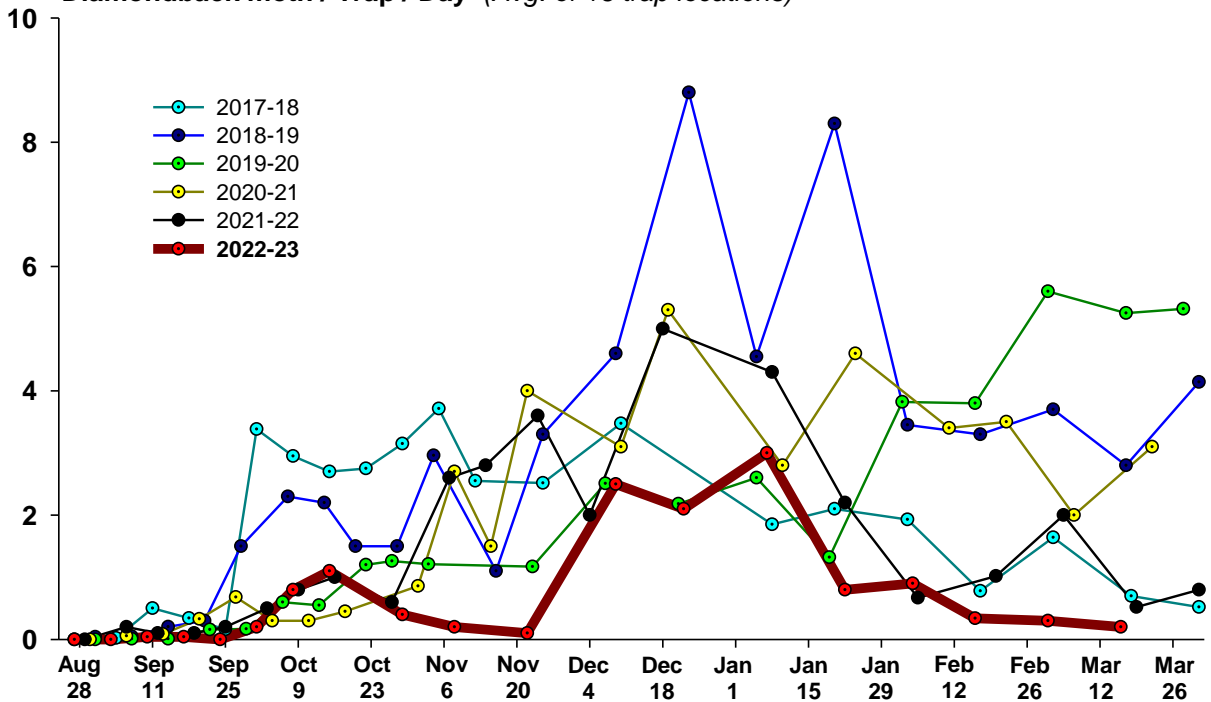
2022-2023

Diamondback moth



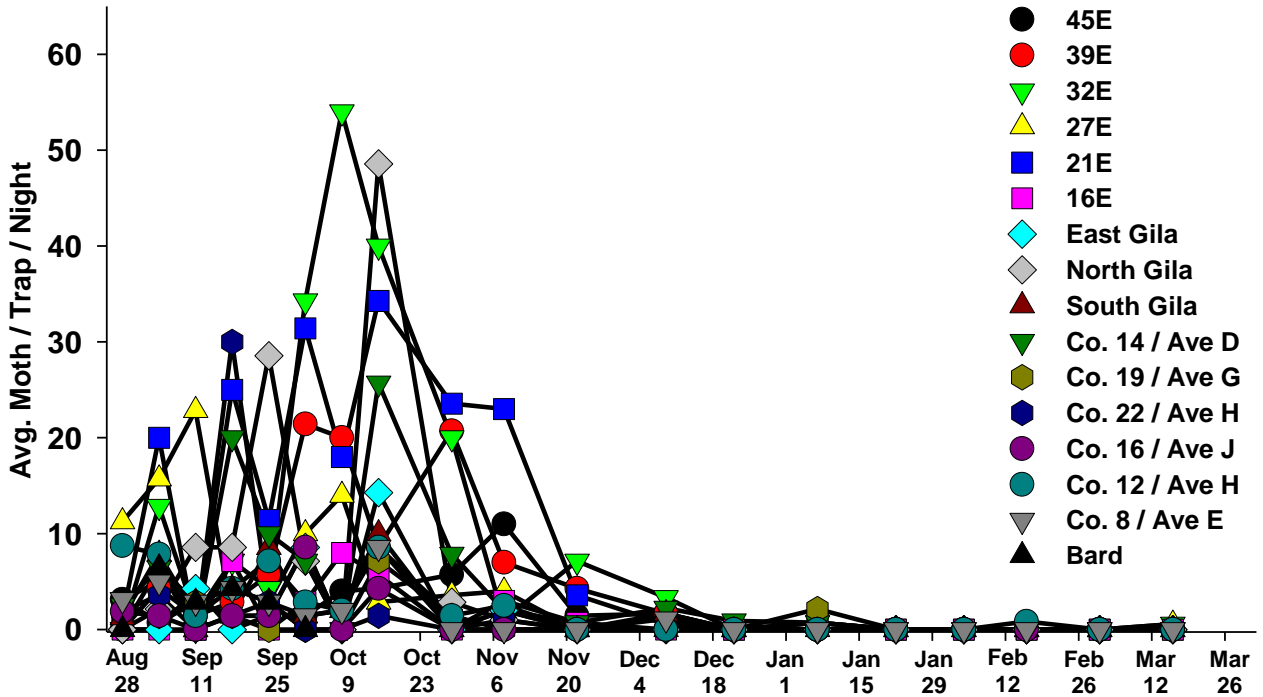
6 Year Average

Diamondback moth / Trap / Day (Avg. of 16 trap locations)



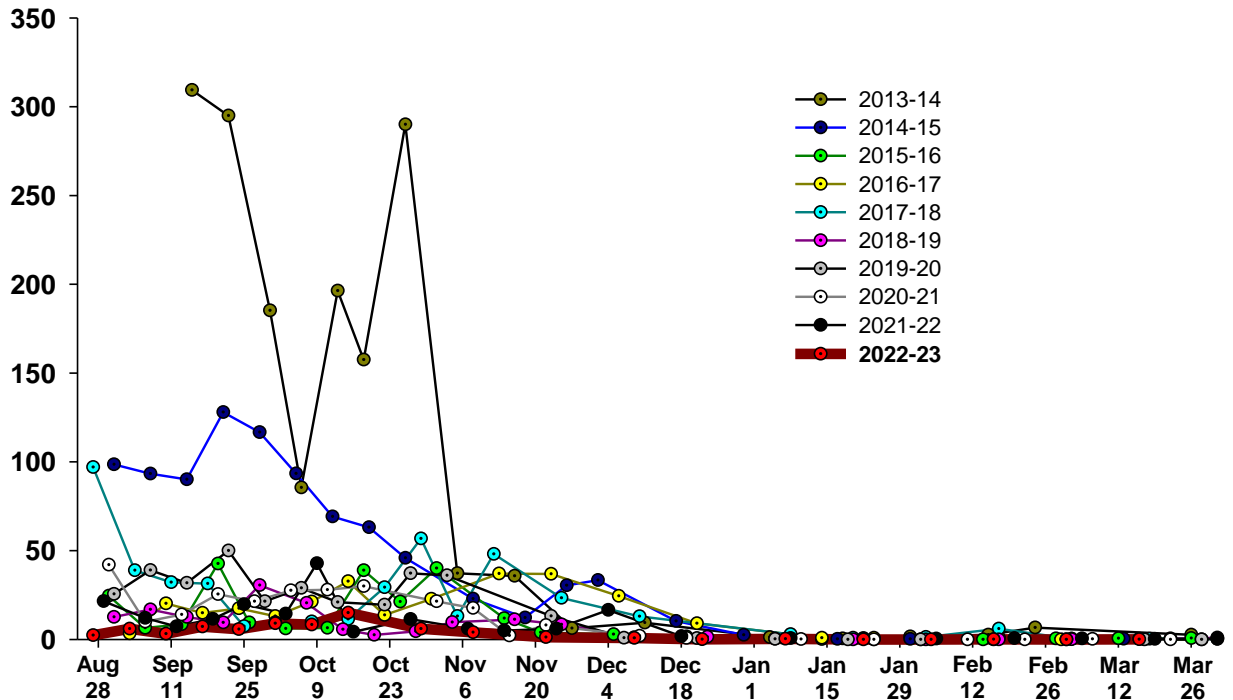
2022-2023

Whiteflies



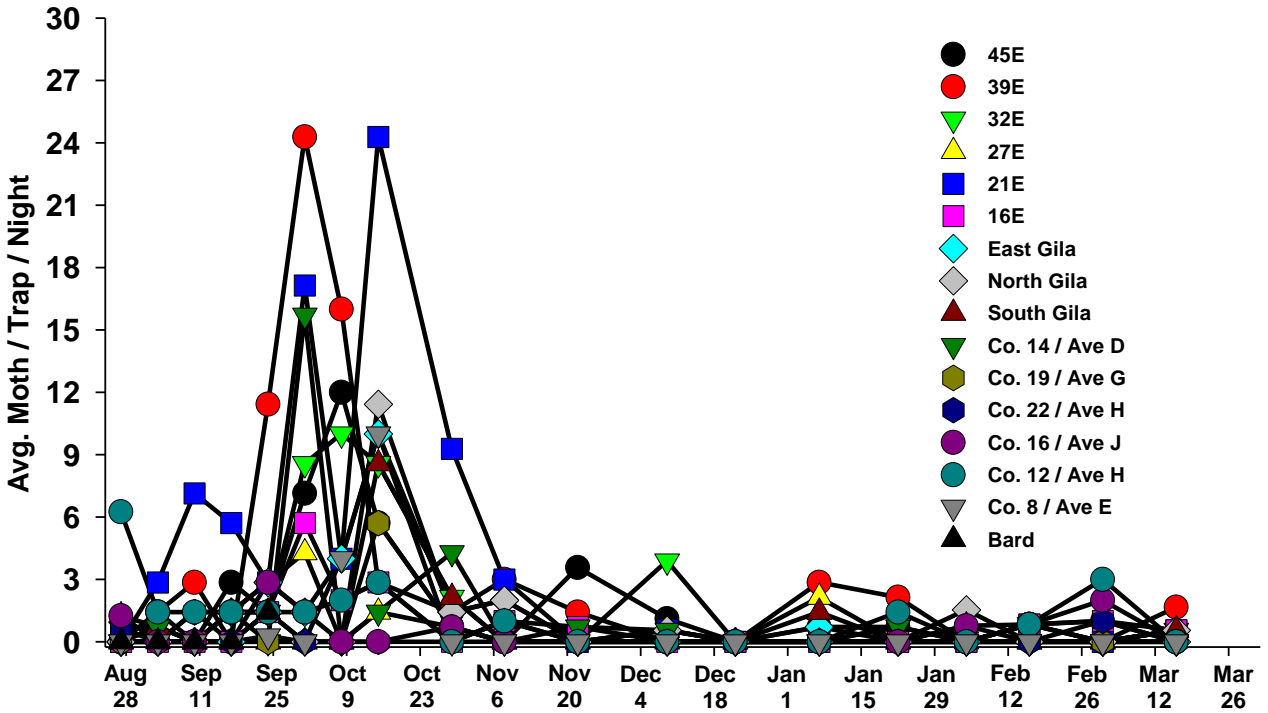
10 Year Average

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



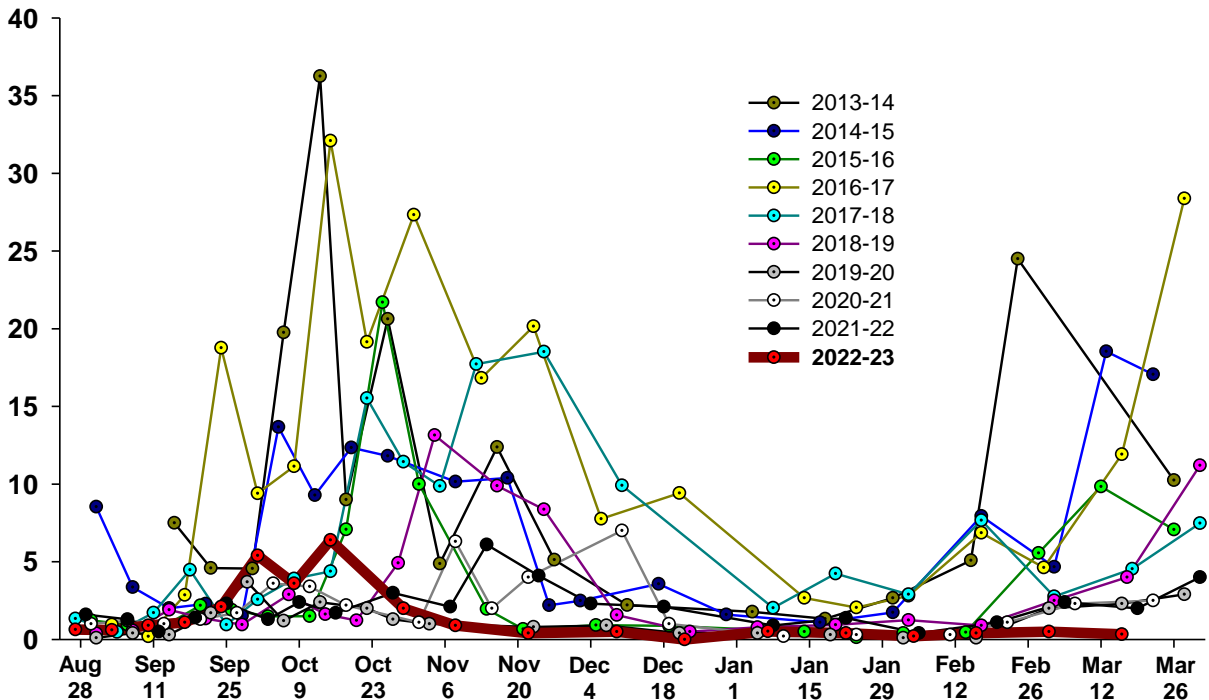
2022-2023

Western Flower Thrips



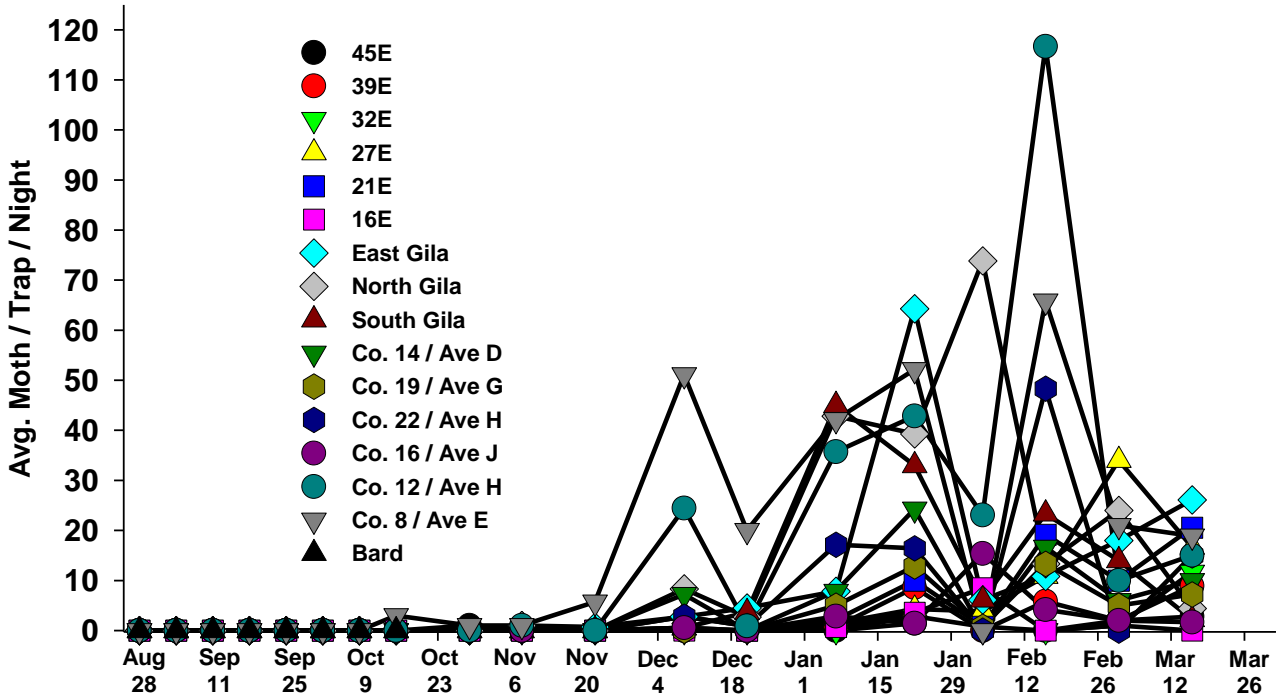
10 Year Average

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



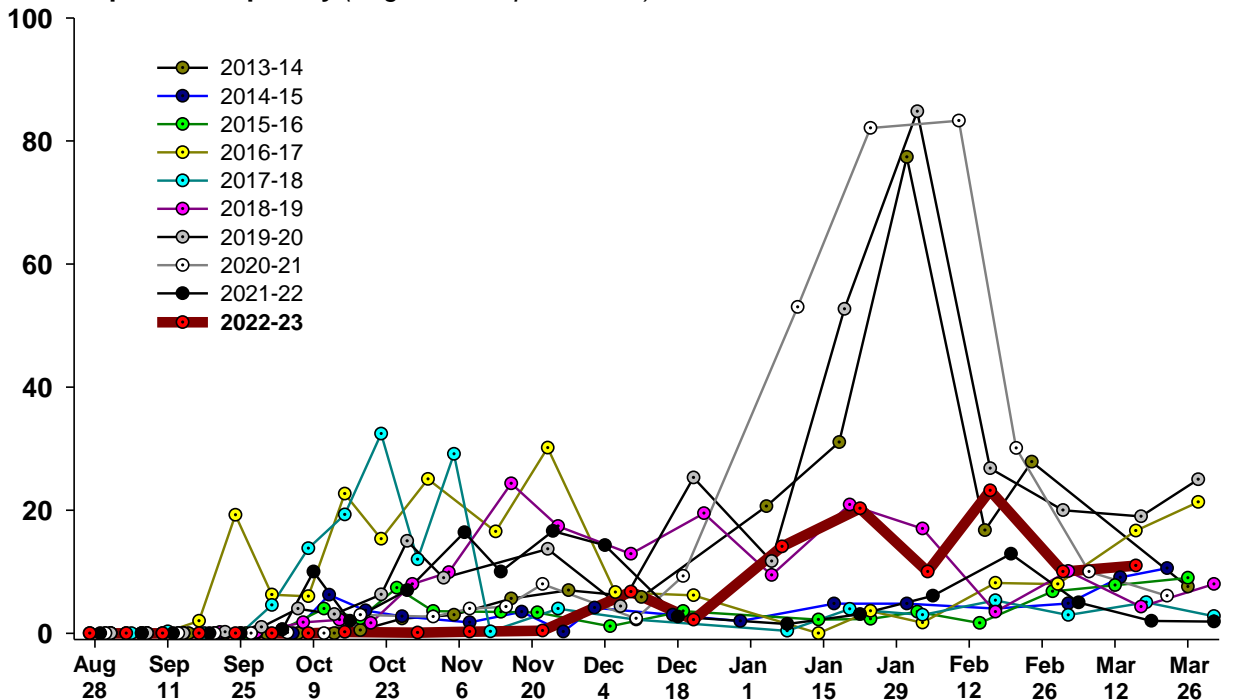
2022-2023

Aphids



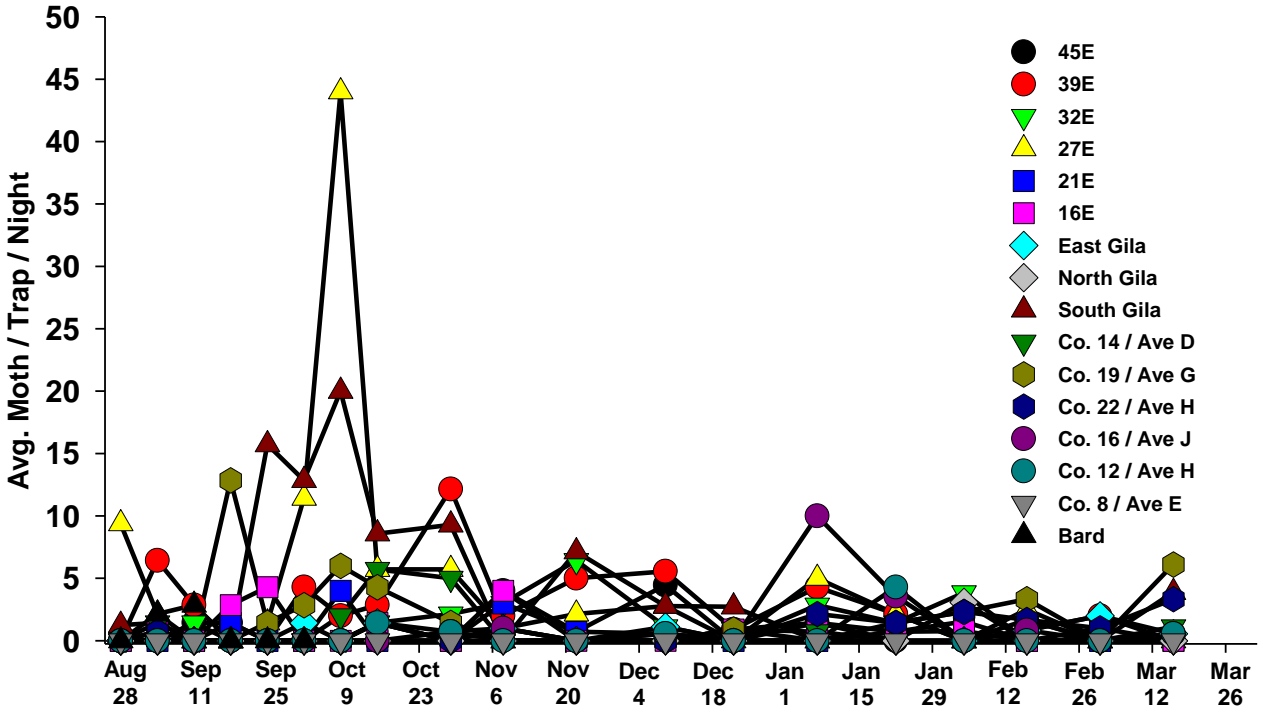
10 Year Average

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



2022-2023

Leafminers



9 Year Average

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

