

LABORATORY OF AGRICULTURAL ENTOMOLOGY & ZOOLOGY

STAFF

Dr George Stathas
Professor

Kostriva Anna
Technician

TOPICS OF RESEARCH STUDIES

- ❖ Insect morphology (scale insects, coccidophagous predators)
- ❖ Insect biology (scale insects, aphidophagous and coccidophagous coccinellid predators)
- ❖ Insect ecology (scale insects, aphids, whiteflies, parasitoids, predators)
- ❖ Mass rearing of insects in insectary (scale insects, aphids, parasitoids, predators)
- ❖ Biological Control methods for scale insects and aphids.

INSECT MASS REARING IN INSECTARY

- ❖ **Homoptera:**
 - *Aspidiotus nerii*, *Cryosomphalus aonidum*, *Aphis fabae*
- ❖ **Coccidophagous predators:**
 - *Rhyzobius lophanthae*, *Chilocorus bipustulatus*,
- ❖ **Aphidophagous predators:**
 - *Coccinella septempunctata*, *Ceratomegilla undecimnotata*, *Adonia variegata*, *Adalia bipunctata*,
Propylaea quatuordecimpunctata

PHOTOS



Cultivation and storage of *Cucurbita maxima* pumpkins, using for insect rearing.



Rearing of *Chrysomphalus aonidum* on *Cucurbita maxima* pumpkins.



Rearing of *Aspidiotus nerii* on potato tube.





Rearing of *Aphis fabae* on *Vicia faba*





Study of biology of aphidophagous predators under controlled conditions (in incubators).



Rearing of the parasitoids *Aphytis debachi* and *Plagiomerus diaspidis* on *Diaspis echinocacti*.



Rearing of the predator *Rhyzobius lophanthae* on potato sprouts, infested by *Aspidiotus nerii*.