

SCHOOL OF CROP HEALTH MANAGEMENT RESEARCH

RESEARCH FACILITIES

Few scientific facilities particularly facility for trapping plant volatiles induced by external stressors including crop herbivores, facility for mass production of egg parasitoid, *Trichogramma* spp., open top chamber for conducting climate change related experiments and laboratory facility for handling microbe in One Health perspective have been created in the School of Crop Health Management Research to undertake research in Chemical Ecology and One Health related research under climate change condition.

LAB FACILITIES

DYNAMIC PLANT VOLATILE TRAPPING UNIT

A facility has been created in SCHMR to trap volatiles induced by various stressors in crops



Plant volatile trapping unit

PLANT VOLATILE REPOSITORY

Crops

1. Rice
2. Wheat
3. Maize
4. Chickpea
5. Cowpea
6. Green gram
7. Black gram
8. Soybean
9. *Lathyrus*



Insects

1. Yellow stem borer
2. Leaf folder
3. Brown planthopper
4. Pink stem borer
5. Pod borer
6. Fall armyworm
7. Maize aphid
8. Pulse aphid
9. Whitefly
10. Thrips

Cnaphalocrocis medinalis



Nilaparvata lugens



Spodoptera frugiperda



Helicoverpa armigera



Lathyrus thrips



Sesamia inferens



Rhopalosiphum maidis



White fly



TRICHOGRAMMA PRODUCTION UNIT



Trichogramma production facility



Native Trichogramma

OPEN TOP CHAMBER FOR CLIMATE CHANGE STUDIES

