

Plant Protection Biology

The aim of the course is to give PhD students from different subject areas (e.g. ecology, entomology, nematology, plant breeding etc), a deeper understanding of challenges and constraints in relation to modern plant protection in different systems.

Content:

- Plant defence and resistance biology
- Pests and pathogens – biology, ecology, population dynamics
- Chemical ecology
- Crop loss assessment
- Control methods, e.g biological and chemical, resistant cultivars, pheromones
- Development of management strategies
- Plant protection in relation to global climate change

Lectures, laboratory exercises, excursions, discussions, seminars



For additional information see: <http://www.slu.se/?id=547&Anmkod=P0042.0708>

Organizers:

Erland Liljeroth
Sanja Manduric

Invited lecturers:

Bart Thomma, Netherlands
David Collinge, Denmark
Ramy Colfer, USA
Corrie Schomaker, Netherlands

Jørgen Eilenberg, Denmark
Jari Valkonen, Finland
Gudmundur Haldorsson, Iceland