

Plant Protection And Disease Management

PLANT PROTECTION PRODUCTS AND RESIDUES

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Learning Outcomes

The knowledge acquired will allow the understanding of European and national regulations on registration and application of plant protection products. The student

will link the correct use of agrochemicals with the resulting residues on horticultural products. Students will also acquire tools to become constantly updated on the future evolution of the plant protection product portfolio.

Course Contents

- Review of the properties and the application of plant protection products
- European and national legislation on plant protection products
- Procedure for the approval of active substances of plant protection products including toxicological and ecotoxicological risk assessments
- Authorisation of plant protection products
- Sustainable use of plant protection products
- Maximum residue levels of plant protection products

Teaching Methods

18 hours of frontal lectures combined with class discussions; 12 hours of exercises.

Readings/Bibliography

Handouts and selected papers shall be given to the students during the course.

Assessment Methods

Final written exam at the end of the course.

Teaching Tools

PowerPoint presentations of the lectures as well as technical and scientific papers will be made available through the online platform of the Free University of Bozen-Bolzano.