

The Hebrew University of Jerusalem

Syllabus

MODE OF ACTION OF HERBICIDES - 71927

Last update 03-11-2022

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Field and Vegetable Crops

Academic year: 0

Semester: 1st Semester

Teaching Languages: English

Campus: Rehovot

Course/Module Coordinator: Prof Baruch Rubin

Coordinator Email: rubin@mail.huji.ac.il

Coordinator Office Hours: by appointment

Teaching Staff:

Prof Baruch Rubin

Course/Module description:

Elucidation of the main mode of actions (MOA) of herbicides in use in agriculture. Understanding herbicides behavior in plant, soil and the environment. Herbicide selectivity mechanisms in crops and weeds, including crop safeners. Evolution of herbicide-resistant weeds; Herbicide-resistant transgenic crops

Course/Module aims:

Understand the way herbicides affect weed and crop growth. How farmer can utilize the knowledge for protecting crops and the environment in a safe manner

Learning outcomes - On successful completion of this module, students should be able to:

Students will know the physiological and biochemical bases of herbicide action in plant soil and environment

Attendance requirements(%):

100

Teaching arrangement and method of instruction: lecturers and discussions

Course/Module Content:

XY

Required Reading:

Will be presented during the classes

Additional Reading Material:

As above

Grading Scheme:

Additional information:

In case of unjustified absence from classes will not allowed to attend the exam