**Plant protection entomology III. MTMNO7023A**

Name and code of the subject: Plant protection entomology III, MTMNO7023A

Name and title of the person responsible for the subject: Dr. Antal Nagy, associate

professor

Additional instructors involved in teaching the subject: Eszter Szilágyi

Name and level of the program: Plant protection MSc

Subject type: applied natural sciences

Teaching timetable of the subject, type of examination: 2+2, E

Credit value of the subject: 3

Purpose of teaching the subject: Characterisation of the animal pest assemblages of the main crops,

vegetables and fruits grown in Hungary and Europe. Appearance of pest in consecutive phenological

stages of the host plant(s). IPM against the most important pest of the main cultures.

Content of the subject (14 weeks):

1. Poliphagous pest of crops (in arable lands)

2. Pest assemblages of cereals and their IPM

3. Pest assemblages of potato and sugar beet and their IPM

4. Pest assemblages of tobacco and sunflower and their IPM

5. Pest assemblages of lucerne and legumes (pea, bean and soy) and their IPM

6. Pest assemblages of tomato, green pepper and onion and their IPM

7. Pest assemblages of cucumber, watermelon, marrow and Brassica sp. (rapeseed) and their

IPM

8. Poliphagous pests of fruit trees (in orchards)

9. Pest assemblages of apple and pear and their IPM

10. Pest assemblages of peach, apricot and plum and their IPM

11. Pest assemblages of grape, goosberry and currant and their IPM

12. Pest assemblages of raspberry and strowberry and their IPM

13. Pest assemblages of small cultures (wallnut, root crops, horse radish and asparagus) and

their IPM

14. Pest assemblages of tored products

Type of mid-term examination: lectures are suggested, the attendance of practices (at least

70%) is obligatory

Method of assessment (semester examination mark - report, practical grade, colloquium,

examination): damage and pest recognition, test (exam)

Teaching aids: slides of presentations

Recommended literature: collected articles