**Integrated pest management, IPM MTMNO7025A**

Name and code of the subject: (IPM) Integrated plant protection, MTMNO7025A

Name and title of the person responsible for the subject: Dr. László Radócz associate professor

Additional instructors involved in teaching the subject:-

Name and level of the program: Plant Protection MSc

Subject type: obligatory

Teaching timetable of the subject, type of examination: 3+2/Oral exam

Credit value of the subject: 3

Purpose of teaching the subject:

Demonstration of integrated plant protection as an integral part of the work process of the agricultural production. It is extremely important that participants do not limit plant protection to the use of pesticide products, but consider plant protection as a combined system of different protection practices within the cultivation activity. An essential requirement is that students recognize the most important pests (know what, when, where to look); recognize the damage.

In accordance with the knowledge of Plant Protection Chemistry, detailed knowledge should

be taught and reference should be made to all possible control procedures (including plant

protection products that can be used), but there should be a reference to plant protection

knowledge when describing preparations. Pest control should be taught according to the approach and requirements of integrated pest management.

Content of the subject (14 weeks):

1. Modern plant protection of autumn cereals,

2. Modern plant protection for spring cereals

3. Modern plant protection of maize,

4. Modern plant protection of sunflowers,

5. Plant protection of winter oilseed rape

6. Modern plant protection of potatoes and tobacco,

7. Modern plant protection of peppers and tomatoes

8. Modern plant protection of cucumbers, melons, pumpkins,

9. Modern plant protection of cabbages (cabbage, cauliflower, turnips, radishes, lettuce),

10. Modern plant protection of onions

11. Modern plant protection of sugar beet,

12. Modern plant protection of peas, alfalfa, soybeans

13. Modern plant protection of nurseries,

14. Modern plant protection of greenhouses

Type of mid-term examination: mid-year audit

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

examination): Practical colloquium

Teaching aids: lecture slides

Recommended literature:

1. Radócz L .: Modern plant protection, II-IV. (Fundamentals of Plant Protection in Major

Field and Horticultural Crops). University Publishing House, Debrecen (2010). (ISBN: 978-

606-10-0181-1).

2.http://www.tankonyvtar.hu/en/tartalom/tamop425/0010\_1A\_Book\_08\_Novenyvedelem/ada

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