

## Tárgytematika / Course Description Horticulture

**MENB\_NTTA014**

**Tárgyfelelős neve /**

**Teacher's name:** dr. Iváncsics József

**Félév / Semester:** 2024/25/1

**Beszámolási forma /**

**Assesment:** Vizsga

**Tárgy heti óraszám /**

**Teaching hours(week):** 2/0/0

**Tárgy féléves óraszám /**

**Teaching hours(sem.):** 0/0/0

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### OKTATÁS CÉLJA / AIM OF THE COURSE

Basics of 'Horticulture' give provisions to practical and theoretical knowledges that can be applied to the most important cultivated horticultural crops. It provides adequate preparation in the field of basic concepts such as the propagation of horticultural plants, the establishment of individual crops, the cultivation of crops and the harvesting of crops. The lessons deal with the detailed cultivation characteristics of (about) thirty vegetable species and (about) twenty-five fruit species, in order to assure for the students more practical and theoretical issues of agrotechnical operations.

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### TANTÁRGY TARTALMA / DESCRIPTION

The subject of Horticulture is closely related to the botanical and plant growing knowledges. The lessons are classified as vegetables and fruits: among the horticultural sectors we deal with the subject of viticulture as well, but the viticulture is a separate discipline, that can find in another vocational training. In the same way, the cultivation of ornamental plants does not belong to the subject of the lessons. The cultivation of ornamental plants takes place within another educational framework by the range of optional subjects.

1. Horticultural sectors, botanical, environmental knowledge and propagation
2. Description of leafy vegetables (cabbages and salads)
3. Growing root vegetables (carrots, parsley, celery and radishes)
4. Growing onions (onions and garlic)
5. Growing leguminous vegetables (peas and beans)
6. Growing of nuts (peppers and tomatoes)
7. Growing of cucumbers and melons)
8. Growing apples and pears
9. Growing of stone fruits I. (cherries, sour cherries and plums)
10. Growing of stone fruits II. (apricots and peaches)
11. Nuts and berries (nuts, almonds, strawberries and raspberries.)
12. Introduction to viticulture
13. Propagation of grapes, establishment of plantations

14. Cultivation of vineyards, harvesting and basic enological operations.

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**SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD**

exam (colloquium)

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**KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL**

Cselőtei L. – Nyujtó S. – Csáky A. (1993): Kertészet. Mezőgazda, Budapest.

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**AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL**