

Tárgytematika / Course Description

The Origin, Habitat and Conservation of our Arable Weeds

MENB_VKTA035

Tárgyfelelős neve /

Teacher's name: dr. Pinke Gyula

Félév / Semester: 2019/20/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

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

OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the subject is to (i) create a more positive attitude towards weeds, (ii) improve the botanical and ecological knowledge of students and (iii) provide guidelines for harmonizing the principles of agriculture and nature conservation.

TANTÁRGY TARTALMA / DESCRIPTION

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| 1.hét | The origin of weeds (domestication, secondary crops, secondary weeds, crop specialists, pioneers, homeless weeds) I. |
| 2.hét | The origin of weeds (domestication, secondary crops, secondary weeds, crop specialists, pioneers, homeless weeds) II. |
| 3.hét | The development of arable weed vegetation from the Neolithic period until the 20th century. (Prehistoric times, Roman times, Medieval times, modern history) I. |
| 4.hét | The development of arable weed vegetation from the Neolithic period until the 20th century. (Prehistoric times, Roman times, Medieval times, modern history) II. |
| 5.hét | Changes of weed vegetation in the age of modern agriculture (the causes of decline, red list species, expanding species) I. |
| 6.hét | Changes of weed vegetation in the age of modern agriculture (the causes of decline, red list species, expanding species) II. |
| 7.hét | The effect of ecological factors on weed species composition (abiotic and management variables, bio-indicators) I. |
| 8.hét | The effect of ecological factors on weed species composition (abiotic and management variables, bio-indicators) II. |
| 9.hét | Aspects and succession in arable fields (aspects and life-forms, secondary succession) I. |
| 10.hét | Aspects and succession in arable fields (aspects and life-forms, secondary succession) II. |
| 11.hét | Benefits of the weeds (ethnobotanical importance, the role of weeds in agro-ecosystems) I. |
| 12.hét | Benefits of the weeds (ethnobotanical importance, the role of weeds in agro-ecosystems) II. |
| 13.hét | Conservation possibilities (conservation headlands, extensively managed fields, flora reservations) I. |
| 14.hét | Conservation possibilities (conservation headlands, extensively managed fields, flora reservations) II. |

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Pinke Gy. – Pál R.: (2005): Gyomnövényeink eredete, termőhelye és védelme. Alexandra Kiadó
