

## Tárgytematika / Course Description

### Alternative crop production

MENB\_NTTA052

Tárgyfelelős neve /

Teacher's name: Pólyáné Dr. Hanusz Borbála

Félév / Semester: 2022/23/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

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

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### OKTATÁS CÉLJA / AIM OF THE COURSE

After some captures of Introduction to the Agroclimatology the subject will be around several interesting crops with smaller growing surface but bigger local importance.

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### TANTÁRGY TARTALMA / DESCRIPTION

Agroclimatology: importance of climate changing in crop production

Alternative technologies: industrial-, sustainable -, integrated- , precision-, organic farming

Groups of alternative crops: introduction and characterization

Horticulture crops 1: horse radish, asparagus, rhubarb, special salads, special radish, tobacco, sweet corn

Horticulture crops 2: sea buckthorn, black chokeberry, elder-berry, blueberry, cranberry, nashi, hazel-nut

Cereals: spelt, einkorn, emmer, triticale, kamut

Pseudo cereals: buckwheat, quinoa, grain amaranths, millet

Alternative oil plants: oil pumpkin, white mustard, poppy, flax

Alternative fiber, root and tuber crops: hemp, flax, artichoke, sweet potato

Legumes: chickpea, soybean, groundnut

Others: herbs

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## **SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD**

exam

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## **KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL**

**Franc Bavec – Martina Bavec (2007): Organic production and use of alternative crops**

CRC Press

