

FINAL EXAMINATION QUESTIONS
Bachelor's degree in agricultural engineering
Crop production item line

1. Wheat production

- Economic importance, origin and taxonomy
- Botanical characterization, ontogeny
- Ecological and nutrient demand
- Production technology (place in crop rotation, type of cultivation, sowing, plant nutrition and care, method of harvesting)

2. Maize production

- Economic importance, origin and taxonomy
- Botanical characterization, ontogeny
- Ecological and nutrient demand
- Production technology (place in crop rotation, type of cultivation, sowing, plant nutrition and care, method of harvesting)

3. Agricultural subsidies in the European Union

- Historical background
- Major points of Common Agricultural Policy
- Major points of Good Agricultural Practice
- Major points of European Green Deal

4. Soybean production

- Economic importance, origin and taxonomy
- Botanical characterization, ontogeny
- Ecological and nutrient demand
- Production technology (place in crop rotation, type of cultivation, sowing, plant nutrition and care, method of harvesting)

5. Plant nutrition

- Classification of fertilizers
- Introduction of the influencing factors on the efficiency of plant nutrition
- Type of fertilizers
- Introduction of the different methods of plant nutrition

6. Irrigation in agriculture

- Importance of irrigation
- Methods of irrigation
- Legal and economic issues of irrigation

7. Agronomic guidelines of sowing, harvesting, drying and storage

- Methods of sowing
- Methods of harvesting
- Methods of drying
- Methods of storage
- Introduction of storage facilities

8. Plant care

- Operations during and out of growing season
- Nonchemical plant protection methods
- Classification of chemical plant protection methods
- Principles of Integrated Pest Management