



Ege University Faculty of Agriculture

Department of Field
Crops

“Explore, Learn, Apply”



DEPARTMENT OF FIELD CROPS

With the decision of the Ege University Senate dated May 20, 1958, the Department of Field Crops was founded by establishing the "Department of Agronomy" under the chairmanship of Prof. Dr. Osman Tosun and the "Agricultural Genetics and Statistics Department" under the chairmanship of Prof. Dr. Orhan Düzgüneş.

1958

Department of Agronomy and Agricultural Genetics and Statistics were united and titled the "Department of Agronomy and Genetics" on February 21, 1961.

1961

In 1966-1967, the number of departments increased to three with the establishment of the "Department of Meadow, Pasture and Forage Crops" and the "Department of Agroecology and General Plant Breeding". After Law No. 1750 came into effect, the departmentalization system changed, and the "Field Crops' Cultivation and Breeding Department," which includes all three departments, was established by the Senate's decision dated March 4, 1975.

1975

After the Academic Organization Regulation of Universities came into effect on February 18, 1982, these three departments were united to form the current Department of Field Crops.

1982

Department of Field Crops is a single department consisting of three scientific disciplines which are "Agronomy," "Plant Breeding and Genetics," and "Meadow, Pasture and Forage Crops".

Our department has developed many plant varieties, including Ceylan 2002, Tayşi 2002 (thyme), Nif (potato), and İncekara (tobacco), and breeding studies are still ongoing.

The First Field Crops Congress was held in 1994, hosted by the Department of Field Crops of the Faculty of Agriculture at Ege University, and has since become a biennial event.

1994

Prof. Dr. Necdet BUDAK, a valued member of our department, was appointed as Rector of Ege University on October 18, 2017, marking a first for the Faculty of Agriculture. He was reappointed on November 20, 2021, and currently serves as Rector of Ege University.

2017
2021

Our department has become the first among field crop departments in Türkiye with its double degree protocol with Azerbaijan State Agricultural University.

2022

On March 28, 2022, our department received two-year accreditation, maintaining its position as the top field crops department in Türkiye.

MISSION & VISION

Mission

To provide universal training, education, research, and publications on cultivation of field crops, breeding, and meadow-pasture issues, as well as to develop solutions for industry and producer challenges at the regional and national levels.

Vision

To train agricultural engineers who can contribute to science and technology at a universal level in the concept of field crops, to conduct research in line with developing technologies, and to have an international identity in the scientific field.





DEPARTMENT OF FIELD CROPS ADMINISTRATION



Prof. Dr. Behçet KIR

Head of the Department



Asst. Prof. Dr. Deniz İŞTİPLİLER

Vice Head of the Department



**Asst. Prof. Dr. Aliye YILDIRIM
KESKİNOĞLU**

Vice Head of the Department

DEPARTMENT OF FIELD CROPS

ACADEMIC STAFF



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Plant Breeding and Genetics
Cereals
Statistical and Genetic Analysis
Research and Trial Methods



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Medicinal and Aromatic Plants
Agronomy
Quality
Sustainable Agriculture



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Meadow and Pasture
Forage Crops
Silage
Energy Crops



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Plant Breeding and Genetics
Oil Crops
Cereals
Statistics



Prof. Dr. Behçet KIR

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Meadow, Pasture and Forage Crops
Field Crops
Turfgrasses
Seed



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Breeding of Cereal Crops
Breeding of Industrial Crops
Biotechnology
Cytogenetic
Phytoremediation



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Field Crops
Plant Breeding
Molecular Plant Breeding
Molecular Markers



Prof. Dr. Gülsüm ÖZTÜRK

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Field Crops
Industrial Crops and Breeding
Mini and Micro Tuber
Tissue Culture



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Industrial Crops
Tobacco and Its Technology
Medicinal and Aromatic Plants
Agricultural Sciences

DEPARTMENT OF FIELD CROPS

ACADEMIC STAFF



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Agronomy
Stress Physiology
Climate Change
Seconder Metabolites



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Meadow and Pasture
Forage Crops
Turfgrasses
Silage



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KAVUT**

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Agriculture of Corn
Agriculture of Sorghum
Silage Crops
Legumes and Forage Crops



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Medicinal and Aromatic Plants
Agronomy of Industrial Crops
Field Crops
Agricultural Sciences



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Turfgrasses
Forage Crops
Meadow and Pasture
Silage



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Plant Breeding
Machine Learning
High-Throughput Phenotyping
Molecular Genetics



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KESKİNOĞLU**

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Agronomy of Oil Crops
Agronomy of Industrial Crops
Agronomy
Agronomy of Cereals and Food Grain
Legumes



**Assist. Prof. Dr. Uğur
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Agronomy
Sustainable Agriculture
Stress Physiology
Plant Growth Models



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Plant Breeding and Genetics
Polyploid Plant Breeding
Medicinal and Aromatic Plants
Field Crops

DEPARTMENT OF FIELD CROPS

ACADEMIC STAFF



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Field Crops
Agronomy
Industrial Crops
Medicinal and Aromatic Plants



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Turfgrasses
Forage Crops
Agricultural Biotechnology
Field Crops

AIMS OF EDUCATION

1. Graduates of the Department of Field Crops Program pursue professional careers in national and international private sector and public institutions.
2. They receive postgraduate education in the field of field crops and/or continue their academic careers as faculty members/staff at universities.
3. Graduates of the Field Crops Program can establish individual commercial enterprises. They can work as consultants in the sector of field crops.



You can access the details of our faculty's and department's education program via the QR code.

PROGRAM OUTCOMES

1. Sufficient knowledge in basic sciences (mathematics, natural sciences) and areas specific to the discipline of Field Crops in Agricultural Engineering; the ability to apply theoretical and practical knowledge in these areas to agricultural engineering problems,
2. Ability to identify, formulate, and solve problems within the scope of the Field Crops in Agriculture Engineering, and the ability to select and apply appropriate analysis and modeling methods for this purpose.
3. Ability to design a system, process, or product related to the Field Crops discipline to meet specific requirements under realistic limitations and conditions, and to apply modern design methods for this purpose,
4. Ability to select, use, and apply modern tools and information technologies necessary for the analysis and solution of problems encountered in Agricultural Engineering Field Crops effectively,
5. The ability to design experiments, conduct experiments, perform fieldwork, collect data, analyze, and interpret results for the examination of problems encountered in Agricultural Engineering Field Crops or discipline-specific research topics,
6. The ability to work effectively in intra-disciplinary and multi-disciplinary teams; the ability to work independently,
7. Ability to write effective reports in the field and understand written reports, prepare design and production reports, make effective presentations, and give and receive clear and understandable instructions.
8. Awareness of the necessity of lifelong learning; ability to access information, follow developments in science and technology, and ability to constantly renew itself,
9. Knowledge of ethical principles, professional and ethical responsibilities, and standards used in engineering practices,
10. Knowledge of applications in the workplace, such as project management, risk management, and management of changes related to the field of Agricultural Engineering Field Crops; awareness of entrepreneurship and innovation,
11. Knowledge about the effects of engineering applications on health, environment, and safety at universal and social levels, and issues reflected in the field of engineering in the current era; awareness of the legal consequences of engineering solutions.

CAREER OPPORTUNITIES

There are career opportunities of our students in every department where they can find internship opportunities. In this regard, they can work in the following institutions/organizations:

- Factories processing agricultural products
- Provincial and district directorates of agriculture
- Agricultural research institutes
- Agricultural cooperatives
- Seed companies
- Fertilizer and pesticide companies

EDUCATION AND RESEARCH OPPORTUNITIES

Department of Field Crops' Infrastructure:

- 45 da field area,
- 300 m² glass greenhouse,
- 120 m² plant nursery,
- Plant Physiology Laboratory
- Meadow, Pasture and Forage Crops Laboratory
- Tissue Culture Laboratory-I
- Tissue Culture Laboratory-II
- Laboratory of Quality
- Molecular Biology and Plant Biotechnology Laboratory
- Medicinal and Aromatic Plants Laboratory
- Library
- Classrooms for Undergraduate and Master's Students

You can review the physical facilities of our department on the following page.



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Website of the Department



Instagram Account of the Department



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