



**TAGEM**  
R&D AND INNOVATION

BLACK SEA AGRICULTURAL RESEARCH  
INSTITUTE / SAMSUN

## MUSTAFA ŞAHİN

### Agricultural Engineer

#### EDUCATION

- **Assoc. prof**
- **PhD**
- **MSc** 2020-... Ondokuz Mayıs University  
G. School of Natural and Applied Sc.
- **Bachelor's Degree** 2012-2016 Ondokuz Mayıs University  
Faculty of Agriculture, Field Crops Dep.

#### LANGUAGE

#### CAREER

- 2019-..... – Engineer – Black Sea Agricultural Research Institute  
Directorate – SAMSUN
- 2018-2019 Veterinary Health Technician - Directorate of  
Veterinary Control Institute – SAMSUN
- 2017-2018 Veterinary Health Technician - Kesap District  
Directorate of Agriculture and Forestry – GİRESUN
- 2013-2017 Veterinary Health Technician - Yakakent District  
Directorate of Agriculture and Forestry – SAMSUN
- 2011 - Veterinary Health Technician - Kırıkkale Provincial  
Directorate of Agriculture and Forestry – KIRIKKALE

#### ABOUT ME

He was born in 1992 in Samsun. He graduated from Ondokuz Mayıs University, Faculty of Agriculture, Department of Field Crops in 2016. In 2020, he started and continues his graduate education in Ondokuz Mayıs University Graduate Institute, Field Crops Department. Between 2011-2019, she worked as a Veterinary Health Technician in different institutions.

He continues his studies in the field of Energy Agriculture and Industrial Plants at the Black Sea Agricultural Research Institute.

#### CONTACT

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(Samsun - Ordu Karayolu 17. km),  
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### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. Black Sea Region Hemp Research (BÜGEM)
2. Black Sea Agricultural Research Institute Energy Agriculture Infrastructure Development Project (DOKAP)
3. Production of Liquid Chemical Fertilizers Suitable for Plants Grown in Wet and Dry Conditions, Comparison of Their Efficiency with Traditional Solid Chemical Fertilizers and Development of Appropriate Machines for Use of Liquid Fertilizer (TAGEM ÖZEL AR-GE)
4. Improving Agricultural Techniques and Mechanization, Reducing Production and Processing Costs in Plants (Flax-Hemp-Nettle) from which Fiber is Obtained (TAGEM ÖZEL AR-GE)
5. Country Adaptation Studies in Industrial Cannabis Varieties/Genotypes (PRIVATE SECTOR)
6. Establishment of Crossbreeding Variety Development and Breeder Seed Propagation Greenhouses with Different Breeding Methods in the DOKAP Region (DOKAP)

#### ▪ **Ongoing Projects**

1. Effects of Different Nitrogen Dose Applications on Fiber and Seed Yield and Some Quality Traits in Domestic Cannabis Varieties (TAGEM)
2. Conversion of Hemp Waste into Solid and Gaseous Fuels with an Integrated Energy Generation Approach (TÜBİTAK 1001)
3. Determination of the Effect of Different Binders on the Quality Characteristics of Hemp Stalk Pellets ( TAGEM)
4. Black Sea Region Rapeseed Breeding Research - III ( TAGEM)
5. Determination of Sunflower Genotypes Suitable for the Middle Black Sea Transition Zone ( TAGEM)
6. Determination of Cold Tolerant Lines in Rapeseed and Development of Domestic Hybrid Varieties/Cultivars whose Seeds Can Be Produced With Cytoplasmic Genetic Male Infertility (TÜBİTAK 1003)
7. Genotype X Environmental Relationships in Sunflower; Investigation of Fatty Acids, Sterol Composition and Effects on Fat Quality (TAGEM)
8. Development of Flax, Hemp and Nettle Reinforced Polymeric Composite Materials from Fiber Plants to be Used in Irrigation System Materials and Drainage Panels (TAGEM ÖZEL AR-GE)



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### ▪ **PUBLICATIONS**

#### ▪ **INTERNATIONAL ARTICLES AND PAPERS**

- **Articles Published in International Journals**
- **International Papers, Seminars, etc.**

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- **Articles Published in National Journals**
- **National Papers, Seminars, etc.**

### ▪ **OTHER PUBLICATIONS**

- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**
  - **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
1. First Meeting of Turkish Cannabis Industry 26-27 June 2019 Samsun
  2. 5th Agriculture, Livestock and Technologies Fair (Challenges Encountered in Cannabis Cultivation in Samsun and Solution Suggestions) 25 June 2019 Samsun
  3. Sectoral Impact Analysis Study on Waste Sector Ankara Public Institutions Workshop (Technical Assistance Project for Developing Analytical-Based Strategy and Action for Low-Carbon Development) 11 June 2019 Ankara
  4. 3rd Bioenergy Symposium (KTAE Online) 20-21 May 2021 Samsun
  5. 4th Bioenergy Symposium (KTAE Online) 26-27 May 2022 Samsun