



TAGEM
R&D AND INNOVATION

TRAKYA AGRICULTURAL RESEARCH INSTITUTE/
EDİRNE

SAMET SAGLAM

Agricultural Engineer

EDUCATION

- PhD**
2022-Continuation Adnan Menderes University
Field Crops
 - MSc**
2016-2018 Wageningen University & Research
Master of Plant Sciences (MPS)
Plant Breeding & Genetic Resources
 - Bachelor's Degree**
2011 (6 Months) University of Politechnika Opolska
Agriculture & Forestry Faculty,
Student Exchange Programme
 - Bachelor's Degree**
2007-2012 Uludag University
Faculty of Agriculture, Field Crops
- LANGUAGE** English- TOEFL 84 / YDS 72

CAREER


- 2018- Researcher, Sunflower Breeding Programme,
Trakya Agricultural Research Institute, EDİRNE
- 2017-2018 Research Intern, Institute of Field and
Vegetable Crops, Novi Sad, SERBIA
- 2013-2014 Occupational Health & Safety Engineer at
Monsanto Co., Bursa, Turkey - BURSA
- 2011 Intern, Uludag University- BURSA
- 2010 Intern, Uludag University- BURSA

ABOUT ME


He was born in Bartın in 1988. In 2012, he received his BSc in Agricultural Engineering from Uludag University. He then completed his master's degree in "Plant Breeding and Genetic Resources" at Wageningen University between 2016-2018 as a scholar of the Ministry of National Education. In 2022, he started his Ph.D. in the Department of Field Crops at Adnan Menderes University and his education continues.

Since August 2018, he has been working as a sunflower breeder at Trakya Agricultural Research Institute. He participates in research projects of the National Sunflower Research Programme and of Tubitak at the Institute.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

- Confectionery Sunflower Breeding Studies (2018-2020), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Conventional Sunflower Breeding Studies (2018-2020), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Sunflower Breeding Studies for Herbicide Resistance (2018-2020), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Confectionery Squash Breeding at Thrace and Marmara Region in Turkey (2019-2023), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Developing Sunflower Inbred Lines and Hybrids Resistance to Biotic and Abiotic Stresses, Containing High and Mid Oleic Acid by Classic Breeding Methods and Using Molecular Marker Assisted Selection (2018-2021), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies

▪ **Ongoing Projects**

- Confectionery Sunflower Breeding Studies (2020-2024), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Conventional Sunflower Breeding Studies (2020-2024), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Sunflower Breeding Studies for Herbicide Resistance (2020-2024), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Confectionery Squash Breeding at Thrace and Marmara Region in Turkey (2019-2023), Researcher at Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies
- Determination of sunflower seeds and adaptations of sunflower seed genotypes in Eastern Anatolia (TAGEM) (2022-2026)
- Determination of crop rotation program suitable for organic sugar beet production (TAGEM) (2018-2022) Researcher
- Sunflower Breeding Project for Resistance to Herbicides (IMI and SULFO), Orobancha Cumana and Downy Mildew (TUBİTAK-IRASME) (2020-2023), Researcher
- Development of oil sunflower varieties resistant to herbicides, Orobancha and Downy mildew disease (TAGEM-Private Sector Projects, 2007/1), Researcher
- Confectionery Sunflower Breeding Project for Gaining Resistance to Herbicides and Gaining Character of Black Colored Seeds (2018-2022), (TAGEM- Private Sector Projects, 2007/1) Researcher
- Development of oil sunflower varieties with high grain and oil yield which are resistant to biotic and abiotic stress (TAGEM- Private Sector Projects, 2007/1), Researcher
- Improvement of oil sunflower varieties with high grain and oil yield resistant to biotic and abiotic stress conditions (TAGEM- Private Sector Projects, 2007/1), Researcher



▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

- Hladni, N., Saglam, S., Zorić, M., Miladinović, D., Jocić, S., Marjanović-Jeromela, A., Terzić, S., Jocković, M., Cvejić, S., Dedić, B., Radanović, A., Sakač, Z., Radić, V., Dušanić, N., Babec, B., Ćuk, N., Ovuka, J., Grahovac, N., Gvozdenc, S., & Miklič, V.. (2022). Assessment of stability of seed oil and protein content in confectionery hybrids using the apple AMMI analysis. in Proceedings, 20th International Sunflower Conference, 20-23 June 2022, Novi Sad, Serbia Paris : International Sunflower Association., 194-194.

▪ **International Papers, Seminars, etc.**

- Determination of yield performances of IMI type sunflower (*Helianthus annuus* L.) hybrids resistant to broomrape and downy mildew. 20th International Sunflower Conference June 20 to 23, 2022, Novi Sad, Serbia.
- Assessment of stability of seed oil and protein content in confectionery hybrids using the apple AMMI analysis. 20th International Sunflower Conference June 20 to 23, 2022, Novi Sad, Serbia.



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▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

- Evaluation of salt tolerance in quinoa mapping population, MPS-Major Thesis Project, Plant Breeding & Genetic Resources, Wageningen University.
- Variability analysis of seed and yield traits in confectionery sunflower, MPS-Internship Project, Wageningen University – Institute of Field and Vegetable Crops, Novi Sad.
- Diseases and pests in walnut and hazelnut (Possible control strategies for Dutch farmers), Academic Consultancy Training, Wageningen University.



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- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- International Agricultural, Biological and Life Sciences Conference (2-5.09.2018, Edirne).
- Environmental Protection in Turkey, the IX International Academic Workshops "Agriculture, Technology and Health", Glucholazy, Poland (09.11.2011).