



**TAGEM**  
R&D AND INNOVATION

GAP INTERNETONEL AGRICULTURAL RESEARCH AND  
TRAINING CENTRE / DIYARBAKIR



## ÖZLEM AVŞAR, PhD

### Agricultural Engineer

#### EDUCATION

- PhD**  
2015-2019  
Siirt University  
Agricultural Faculty
  - MSc**  
1995-1999  
Ankara University  
Agricultural Faculty
  - Bachelor's Degree**  
1999-2001  
Ankara University  
Agricultural Faculty
- LANGUAGE** İngilizce ÜDS: 72

#### CAREER


- 2005-2011. Engineer, Diyarbakır Chamber of Commerce and Industry. Diyarbakır.
- 2011-Continue. Engineer, GAP International Research and Training Center. Diyarbakır.

#### ABOUT ME


I was born in 1977 in Van and graduated from Ankara University, Agricultural Faculty Farm Structure and Irrigation Department. I continued my professional carrier in Diyarbakır Chamber of Commerce and Industry as an agriculture engineer.

Since 2011 I have been working in GAP International Research and Training Center as a researcher.

#### CONTACT

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### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

- Determination the effects of different nitrogen applications on sweet corn yield and yield parameters by fertigation method (2014-2016,TAGEM, Project Leader)
- Determination of susceptibility of verticillium dahliae kleb. that hopeful advanced lines which obtained from cotton breeding projects (2016-2017,TAGEM, Project Leader)
- Evaluation of yield and fiber quality properties with some physiological parameters on water stress conditions in cotton (2015-2019 PhD)
- The Effect of Different Levels of Leonardite on Wheat Yield And Some Yield Components and Soil of Some Physical and Chemical Characteristics of Soil under Diyarbakır Conditions (2009-2012,TAGEM, Project Assistant)
- Determination of the effects of green manure by using different methods of soil tillage on yield, yield components and soil properties of main products cotton and maize (2009-2013, TAGEM Project Assistant)
- The Effects of Different Sowing Times, Tillage Methods and Herbicides, Weeds, Yield and Yield Components in Lentil (2009-2013, TAGEM Project Assistant)
- Technical and Economic Analysis of Stubble Management Systems After Wheat Harvest (2011-2012, TAGEM Project Assistant)
- Cotton Breeding Tolerant To High Temperature Stress (2015-2018, TAGEM Project Assistant)
- Establishing a Sustainable Normative Production Plan for Irrigated Areas and Determining Effective Social Networks in Adoption of the Plan: The Case of Ambar Dam Basin (2021, TAGEM, Project Assistant)
- The Effect of Different Sowing Densities and Nitrogen Doses on Yield and Yield Components of Corn (Zea Mays L.) Plant in Diyarbakır Conditions (2018-2019, TAGEM, Project Assistant)
- Determination of Plant Nutrient and Potentially Toxic Element Contents of Agricultural Soils in Diyarbakır, Batman and Şırnak Provinces, Establishment of a Database and Mapping (TAGEM, Project Assistant)
- Determination of Technical Performance of Drip Irrigation Systems used in Diyarbakır Province (TAGEM, Project Assistant)

#### ▪ **Ongoing Projects**

- The Effect of Plant Density and Sowing Times on Yield, Fiber Quality Criteria and Some Physiological Parameters in Cotton (2020- Continue,TAGEM, Project Leader)



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- Southeast Anatolia Region Cotton Breeding Studies (2021-Continue, TAGEM, Prject Assistant)
- Determination of Troubled Weeds in Karacadağ Rice Grown by Drip Irrigation System and Investigation of Herbicide Usage Possibilities (2021-Continue, TAGEM, Project Assistant)

### ▪ **PUBLICATIONS**

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

##### ▪ **Articles Published in International Journals**

- KILINÇ S., ATAKUL Ş., KAHRAMAN Ş., AKTAŞ H., ERDEMCİ İ., AVŞAR Ö., GÜL İ., 2021, The Effect ff Different Sowing Times on Fresh Ear Yield and Yield Components in Sweet Corn (*Zea Mays L. Saccharata Sturt.*) Varieties Journal of Applied Life Sciences and Environment Vol. Lıv, Issue 2 (186) / 2021: 183-199
- GÜRSOY S., KOLAY B., AVŞAR Ö., SESSİZ A., 2015, Evaluation of Wheat Stubble Management Practices inTerms of the Fuel Consumption and Field Capacity, Research in Agricultural Engineering, Vol. 61, 2015(3):116–121

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

- KOLAY B., AVŞAR Ö., 2014, Double Row and Narrow Row Applications in Corn Cultivation, International Mesopotamia Agriculture Congress, Page 961, Diyarbakır.
- GÜRSOY S., KOLAY B., AVŞAR Ö., SESSİZ A., 2014, Economic Evaluation of Making the Straw from Wheat Stubble by Using the Stubble Chopper Mounted on Combine, 12. Uluslararası Tarımsal Mekanizasyon ve Enerji Kongresi, Adana

#### ▪ **NATIONAL ARTICLES AND PAPERS**

##### ▪ **Articles Published in National Journals**

- KOLAY B., GÜRSOY S., AVŞAR Ö., BAYRAM N., ÖZTÜRKMEN A.L., **The effect of different amounts of leonardite applied to wheat plant on some soil properties. Toprak Su Dergisi, 2016, 5 (2): (32-36).**
- KOLAY, B., GÜR SOY, S., ÖZASLAN, C., AVŞAR, Ö., SÜER, İ. E. E., & KOÇ, M. (2020). Determination of the effectiveness of different spraying techniques in wheat lentil rotation system applied with protected soil tillage methods. Harran Tarım ve Gıda Bilimleri Dergisi, 24(3), 359-371.



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- KOLAY, B., GÜRSOY, S., AVŞAR, Ö., BAYRAM, N., ÖZTÜRKMEN, A. R., AYDEMİR, S., & Aktaş, H. (2016). The effect of leonardite applied to the soil in different amounts on yield, yield components and some quality characteristics of wheat plant. Dicle Üniversitesi Fen Bilimleri Enstitüsü Dergisi 5(3): 93-98.
- KOLAY, B., GÜRSOY, S., AVŞAR, Ö., SESSİZ A., Comparison of different stubble management systems in terms of fuel, capacity and direct sowing on stubble. Derim, 2018/35(2):201-208 doi: 10.16882/derim.2018.371702.

### ▪ **OTHER PUBLICATIONS**

- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**
- AVŞAR, Ö., 2021. The Importance of Irrigation in Cotton Production, Chap. 4, Cotton Production Under Abiotic Stress (Editor: E.Karademir, Ç. Karademir). Iksad Publications, Ankara, 2021
- Evaluation of Yield and Fiber Quality Properties with some Physiological Parameters on Water Stress Conditions in Cotton (PhD Project, 2019)



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## Agricultural Engineer



- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- Project Cycle Management and Fund Sources Training
- TÜBİTAK Project Preparation Training
- Molecular Biology Applications Training
- R&D Project Preparation Training