



TAGEM
R&D AND INNOVATION

TRANSITIONAL ZONE AGRICULTURAL
RESEARCH INSTITUTE/ ESKİŐEHİR

YAVUZ FATİH FİDANTEMİZ

Agricultural Engineer, MSc

EDUCATION

- Assoc. prof**
 - PhD**
2019-...
Ankara University
Graduate School of Natural and Applied Science
 - MSc**
2016-2018
North Dakota State University
Agricultural and Biosystems Engineering
 - Bachelor's Degree**
2008-2013
Ondokuz Mayıs Üniversitesi
Ziraat Fakültesi Tarımsal Yapılar
- LANGUAGE** English / YDS 70
IELTS 6.0

CAREER

- 2019-... Transitional Zone Agricultural Research Institute, Eskiőehir

ABOUT ME

He was born in 1990 in Zile. In 2013, he graduated from Ondokuz Mayıs University, Faculty of Agriculture. He completed his master's education at the Agricultural and Biosystems Engineering Department, North Dakota State University.

Currently, he is working at the Transitional Zone Agricultural Research Institute, Eskiőehir.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Water-Yield Relationship of Silage Corn irrigated with Center Pivot Systems Supported by The Scientific and Technological Research Council of Turkey (TUBITAK) Project Owner: Süleyman KODAL
2. Effect of Water Level on Soybean Growth with High Salinity Water. Supported by The North Dakota Water Resources Research Institute (NDWRRI) (2017-2018) Project Owner: Yavuz Fidantemiz
3. The Effects of mutation breeding and irrigation on saffron and corm yield on saffron plants (*Crocus sativus* L.) (TAGEM) Researcher, Project Owner: Nejla ALICI

▪ **Ongoing Projects**

1. Determination of the Effect of Different Vermicompost (Worm Fertilizer) Doses on Soil Properties and Saffron Yield-Quality in Saffron (*Crocus sativus* L.) Cultivation Under Deficit Irrigation Water Conditions, TAGEM, Researcher, Project Owner: Demet UYGAN
2. Women Farmers Meet with Agricultural Innovations, Saffron from the Hands of Women, Researcher, Project Owner: Kütahya Directorate of Agriculture

▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Taşpınar, K., Ateş, Ö., Özge Pınar, M., Yalçın, G., Kızılaslan, F., & **Fidantemiz, Y. F.** (2021). Soil contamination assessment and potential sources of heavy metals of alpu plain Eskişehir Turkey. *International Journal of Environmental Health Research*, 1-9.
2. **Fidantemiz, Y.F.**; Jia, X.; Daigh, A.L.; Hatterman-Valenti, H.; Steele, D.D.; Niaghi, A.R.; Simsek, H. Effect of Water Table Depth on Soybean Water Use, Growth, and Yield Parameters. *Water* 2019, 11, 931.

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

1. Kodal, S., **Fidantemiz, Y.F.**, Emeklier H. Y., Öztürk, H. S., Taş, İ., Akgül S. (2019). The Relationships of Water-Yield on Silage Corn Irrigated with Center Pivot Irrigation System. "6. Uluslararası Katılımlı Toprak ve Su Kaynakları Kongresi, 12-14 Kasım, İzmir, Türkiye Presentation by: Fidantemiz
2. **Fidantemiz, Y.F.**, Steele, D.D., Jia, X., Tuscherer, S., Niaghi A.R., and Simsek, H. (2018). Laboratory performance of three commercial soil moisture sensors. 1st Annual GSD – NDSU– Faculty and Student Symposium, 12 April, Fargo, North Dakota. Presentation by Fidantemiz
3. **Fidantemiz, Y.F.**, Steele, D.D., Jia, X., Tuscherer, S., Niaghi A.R., and Simsek, H. (2018). Performance of three different soil moisture sensors in laboratory conditions. Poster presented at the ND EPSCoR 2018 State Conference, 17 April, Grand Forks, North Dakota.
4. **Fidantemiz, Y.F.**, Jia, X., Daigh, A.L., Hatterman-Valenti, H., Steele, D.D., Niaghi A.R., and Simsek, H. (2018). Effect of different water table levels on soybean water use and growth parameters. 5th International Conference on Sustainable Agriculture and Environment, 8-10 October, Hammamet, Tunisia. Presentation by Simsek.



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▪ **OTHER PUBLICATIONS**

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

1. **Fidantemiz, Y. F.**, & Simsek, H. (2019). Technical Report No: ND19-01.
2. **Fidantemiz, Y. F.** (2018). Effect of Water Table Level on Soybean Water Use, Growth and Yield Parameters. Master's Thesis. NDSU

▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

1. Radiation Protection for Industrial Applications-Turkish Atomic Energy Authority (TAEA), 24 June 2014
2. Intensive English Programme-Indiana University, 2016
3. Center Pivot Design- Irrigation Show Education Conference, Orlando, United States, 2017
4. Use of Geographic Information Systems in Agriculture- Directorate Of Agricultural Production Enterprise, Agricultural Extension And In-Service Training Center, Adana, Turkey 2-6 December 2019