



**TAGEM**  
R&D AND INNOVATION

TRANSITIONAL ZONE AGRICULTURAL RESEARCH  
INSTITUTE / ESKİŞEHİR

## MUHAMMET ERKUT ÖZKESKİN, MSc. Agricultural Engineer

### EDUCATION

- PhD**  
2020-Devam Bolu Abant İzzet Baysal University  
Institute of Graduate Studies -Plant  
Protection
  - MSc**  
2016-2019 Düzce University  
Institute of Science - Plant Protection
  - Bachelor's Degree**  
2009-2013 Gaziosmanpaşa University  
Faculty of Agriculture – Department of  
Soil Science and Plant Nutrition
- LANGUAGE** English (YÖKDİL 62,5)

### CAREER


- 2016- Agriculture Engineer, Transitional Zone Agricultural  
Research Institute, ESKİŞEHİR
- 2014-2016 Agriculture Engineer, Maize Research Institute -  
SAKARYA
- 2013-2014 Agricultural Technician, Maize Research Institute -  
SAKARYA
- 2009-2013 Agricultural Technician, Directorate of Provincial Food  
Agricultural and Livestock YOZGAT/Çekerek
- 2006-2009 Agricultural Technician, Directorate of Provincial  
Agricultural, NİĞDE/Çamardı

### ABOUT ME


He was born in Kula in 1983. In 2013, he graduated from Gaziosmanpaşa University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition. Between 2016-2019, he completed his master's degree in Determination of susceptibility to fusarium head blight diseases pathogen *fusarium graminearum* and *fusarium culmorum* of some wheat varieties.

He works on plant diseases in the Department of Plant Protection of the Transitional Zone Agricultural Research Institute.

### CONTACT

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## ▪ **PROJECTS**

### ▪ **Projects Conducted**

1. Determination of Lepidopterous Pest with Their Predators and Parazitoids in Corn (Zea mays L.) in the East Marmara Region (2015-2016 Researcher)
2. Transitional Zone Oat Breeding Studies (2014-2018-Researcher)
3. Disease Resistance Breeding in Transitional Zone Wheat (01.01.2016 – 31.12. 2017 Researcher)

### ▪ **Ongoing Projects**

1. Transitional Zone Agricultural Research Institute Testing of Winter Bread Wheat Breeding Material for Diseases. (2018-2022, Leader)
2. Transitional Zone Agricultural Research Institute Testing of Winter Durum Wheat Breeding Material for Diseases. (2018-2022, Leader)
3. Determination of the Reactions of Transitional Zone Barley Breeding Material to Leaf Blight [Rhynchosporium commune (Zaffarano, McDonald&Linde)] in Field Conditions. (2020-2022 Researcher)
4. Transitional Zone Oat Breeding Studies (2019-2023-Researcher)
5. Transitional Zone Triticale Breeding Studies (2019-2023- Researcher)
6. National Research Project for Diseases of Temperate Cereals. (2020-2024- Researcher)
7. Investigation of Gene Effects in the Response of Bread Wheat to Anther Culture by Diallel Analysis. (2020-2024- Researcher)
8. Bread Wheat Line Development Using Anther Culture Technique (2019-2022- Researcher)



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### ■ **PUBLICATIONS**

#### ■ **INTERNATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in International Journals**

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

#### ■ **NATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in National Journals**

1. Hekimhan, H. , Büyük, O. , Ünal, F. , Araz, A. , Yorgancılar, A. , Özkeskin, M. E. , Torun, A. , Yüksel, S. , Çelik, E. & Kaymak, S. (2021) Determination of the Reactions of some Barley Genotypes to Scald [*Rhynchosporium commune* (Zaffarano, McDonald & Linde)] under Field Conditions with Artificial Inoculation . ANADOLU Aegean Agricultural Research Institute Journal Volume: 31/1 p: 47-60

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

1. Yorgancılar A., Yılmaz B., Yorgancılar Ö., Sirel Z., Belen S., Özkeskin M.E. (2017). Determination of Reactions of Some Wheat Genotypes Against Root and Root Rot Agent (*Fusarium culmorum*). 12th Field Crops Congress, Kahramanmaraş, Electronic Congress Book, p: 33.
2. Yorgancılar A., Yılmaz B., Yorgancılar Ö., Sirel Z., Belen S., Özkeskin M.E. (2017). Determination of Reactions of Some Wheat Genotypes Against Ploughing (*Tilletia Foetida* (Wallr.) Liro, *Tilletia caries* (D.C.) Tul.) in Eskişehir Field Conditions. 12th Field Crops Congress, Kahramanmaraş, Electronic Congress Book, p: 35.
3. Özkeskin M.E., Yorgancılar A., Yorgancılar, Ö., Sirel, Z., Torun, A. (2017). Determination of the Reactions of Some Bread Wheat Lines Developed Using Anther Technique against Rust, Spread and Soil Born Wheat Mosaic Virus Disease. 12th Field Crops Congress, Kahramanmaraş, Electronic Congress Book, pp: 36-40.
4. Altın N., Özkeskin E., Güngör H. (2019). Determination of Reactions of Some Bread Wheat Varieties Against Head Blight Disease (*Fusarium graminearum*). Zeugma II. International Multidisciplinary Studies Congress, Gaziantep, Electronic Congress Book, Vol: 3 p: 2090-2098.



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## ▪ **OTHER PUBLICATIONS**

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

1. Özkeskin, Muhammet Erkut. Determination of susceptibility to fusarium head blight diseases pathogen fusarium graminearum and fusarium culmorum of some wheat varieties. Postgraduate (master) thesis, Düzce Universty, 2019.



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

1. Wheat rust observation, racial analysis and Management of Wheat Rust Diseases in Central Asian and Near Eastern Countries. (ICARDA- İzmir Regional Grain Rust Center, 17-23 April 2017).
2. Turkey 12th Field Crops Congress, Kahramanmaraş (Kahramanmaraş Sütçü İmam University, 12-15 September 2017)
3. Workshop on Soil Born Pathogens in Grain, (Directorate of Plant Protection Central Research Institute, 19 October 2017)
4. Biscuit Wheat Workshop, (Eskişehir, 20 June 2018)
5. Be Hand in Hand with Farmer in Tomato Cultivation with Drip Irrigation Panel (Eskişehir, 19 December 2018)
6. ICARDA- English course, (Ankara, 7 January-March 2019)
7. Management of Wheat Rust Diseases, Survey and Endurance Training (İzmir Regional Grain Rust Center– 14-19 April 2019)