



**TAGEM**  
R&D AND INNOVATION

PLANT PROTECTION CENTRAL RESEARCH  
INSTITUTE/ ANKARA

## OKAN GÜZEL, MSc Agricultural Engineer

### EDUCATION

- Assoc. prof**
- PhD** 2020- Ondokuzmayis University  
Graduate School of Science/Herbology
- MSc** 2018-2019 University of Reading  
School of Biological Science
- Bachelor's Degree** 2011-2015 Ondokuzmayis University  
Faculty of Agriculture
- LANGUAGE** English YÖKDİL 72 / IELTS: 6.5

### CAREER

- 2020-, Researcher, Plant Protection Central Research Institute,  
Ankara

### ABOUT ME


He was born in 1993 in Samsun. In 2015, he graduated from Faculty of Agriculture of Ondokuz Mayıs University. In the same year, he started his graduate education in the Department of Plant Protection of Institute of Science and Technology of OMU. In 2016, he was awarded the Ministry of National Education's study abroad scholarship and successfully completed his master's education in the United Kingdom between 2018-19. He started to work in the Herbology Department of the PPCRI March 2020.

He has conducted studies of resistance, genetic and morphological diversity in weeds.

### CONTACT

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### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. Aspirde Yabancı Ot Yönetimi (2018-2021, TAGEM, Yardımcı Araştırmacı)
2. Trakya Bölgesi Ayçiçeği Tarlalarında Sorun Olan Sirken (*Chenopodium album* L.)'in Imazamox'a Dayanıklılık Düzeyinin Belirlenmesi ve Dayanıklılık Haritasının Oluşturulması (2018-2020, TAGEM, Yardımcı Araştırmacı)
3. Acetolactate synthase (ALS) grubu çeltik herbisitlerine dayanıklı *Scirpus mucronatus* L. (Sandalye sazı)'un moleküler yöntemlerle tespiti ve genetik çeşitliliğinin belirlenmesi (2015-2017, OMÜ-BAP, Yardımcı Araştırmacı)

#### ▪ **Ongoing Projects**

1. Ankara İli Ispanak Üretim Alanlarında Bulunan Yabancı Otların Tespiti ve Zehirli Yabancı Otların Ürüne Karşıabilirlik Durumlarının Belirlenmesi (2022-, TAGEM, Yardımcı Araştırmacı)
2. Kimyonda Yabancı Ot Mücadelesinin Geliştirilmesi Üzerine Araştırmalar (2021-, TÜBİTAK, Bursiyer)
3. Damla Sulama Yapılan Çeltik Alanlarındaki Yabancı Otların Tespiti ve Herbisit Kullanımının Araştırılması (2021-, TAGEM, Proje Lideri)



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### ▪ **PUBLICATIONS**

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

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

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

1. Guzel O, and Kaya-Altop E, 2017. Determination of 2,4-D dichlorophenoxyacetic acid+florasulam resistance in *Sinapsis arvensis* L. (wild mustard) collected in wheat fields. 69th INTERNATIONAL SYMPOSIUM ON CROP PROTECTION, May 23, Gent Belgium, 82(2).
2. Sahin M, Mennan H, Guzel O, Kaya-Altop E, 2017. Germination response of weedy rice (*Oryza sativa* L.) populations to environmental factors. 69th INTERNATIONAL SYMPOSIUM ON CROP PROTECTION, May 23, Gent Belgium,82(2).
3. Guzel O, Kaya-Altop E, Mennan H, Boylu D, Hagnama K, 2016. Determinations of genetic variation in *Sinapis arvensis* L. populations in wheat fields in Turkey using simple sequence repeat (SSR) markers. 7th International Weed Science Congress, June 19–25, 2016, Prague, Czech Republic.
4. Sahin M, Kaya-Altop E, Mennan H, Ozdemir I. O, Guzel O, 2016. Determination of weed species in railway lines. 7th International Weed Science Congress, June 19–25, 2016, Prague, Czech Republic.
5. Altop A, Kaya-Altop E, Erener G, Aydın A, Guzel O, 2016. Determination of the presence of weed in manure pits in the Middle Black Sea Region of Turkey. 7th International Weed Science Congress, June 19–25, 2016, Prague, Czech Republic.
6. Boylu D, Guzel O, Kaya-Altop E, Mennan H, 2016. *Alopecurus myosuroides* Huds. (Tilki Kuyruğu)' in genetik çeşitliliğinin SSR (Simple Sequence Repeat) marker tekniği ile belirlenmesi. Uluslararası Katılımlı VI. Bitki Koruma Kongresi, 5-8 Eylül, Konya, TÜRKİYE, P:360.

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

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

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



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**TAGEM**  
R&D AND INNOVATION

- **OTHER PUBLICATIONS**
- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**



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**TAGEM**  
R&D AND INNOVATION

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