



TAGEM
R&D AND INNOVATION

DIRECTORATE OF AGRICULTURAL PROTECTION
CENTRAL RESEARCH INSTITUTE/ ANKARA

YUNUS EMRE OZDEMIR AGRICULTURAL ENGINEER

EDUCATION

Associate Professor

Doctorate

Master's Degree Auburn University
2019-2022 Crop, Soil and Environmental Sciences

Bachelor's Degree Erciyes University
2008-2012 Faculty of Agriculture

Language IELTS 5.5, YOKDIL 72.5

CAREER

2022 - Agricultural Engineer, Directorate of
Agricultural Protection Central Research Institute, Ankara,
Turkey.

ABOUT ME

He has completed his Bachelor's Degree at Erciyes University in Plant Protection in 2012. He was accepted as a scholarship for Foreign Master's and Doctoral Programs on behalf of the Ministry of National Education in 2014. He took English course at Istanbul University in 2015 and Syracuse University in 2016. He has completed his Master's Degree in Crop, Soil and Environmental Sciences at Auburn University, Auburn, USA in 2022. He works as an Agricultural Engineer (Nematologist) his academic career at the Directorate of Agricultural Protection Central Research Institute in Entomology Department in Ankara, Turkey.

CONTACT

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YUNUS EMRE OZDEMIR

AGRICULTURAL ENGINEER



▪ **PROJECTS**

▪ **Projects Conducted**

1. Research on the Natural Occurrence of Entomopathogenic Nematodes in Adana and Kahramanmaraş Provinces, Characterization of Determined Species with Morphometric and Molecular Methods, and the Efficacy of Effective Species against *Zabrus* Spp. 2012-2014. (Lab Researcher, Scholarship).

▪ **Ongoing Projects**

1. Determination of Uses of Local Entomopathogen Nematode Isolates in Controlling Root-knot Nematodes (*Meloidogyne* spp.) (TAGEM, 2022 / Assistant Researcher)



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Canhilal R., Doğan S., Borozan F., Özdemir Y.E., ve Eşgin G., 2015. Entomopatojen nematodların Rhabditida Heterorhabditidae ve Steinernematidae depolanmış ürün zararlısı *Sitophilus oryzae* Coleoptera Curculionidae ye etkinliği. Türkiye Entomoloji Dergisi, cilt.1, ss.8, (SCI-Expanded).

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

1. Canhilal R., İmren M., Waeyenberge L., Toktay H., Deniz Y., Özdemir Y. E., 2015. Occurrence and Distribution of Entomopathogenic Nematodes (Steinernematidae and Heterorhabditidae) in Kayseri Province, Turkey. International Plant Protection Congress, Berlin, Germany, ss.302.
2. CANHİLAL R., TAŞKESEN Y. E., and ÖZDEMİR Y. E., 2015. Susceptibility of *Zabrus sp.* (Coleoptera: Carabidae) to Steinernematid and Heterorhabditid Nematodes (Rhabditida: Steinernematidae and Heterorhabditidae). 3rd International Scientific Conference on Applied Sciences and Engineering, Bangkok, Tayland, ss.2.
3. Canhilal R., Borazan F., Doğan S., Özdemir Y. E., Eşgin G., and Aksoy H., 2013. Entomopatojen Nematodların (Rhabditida: Heterorhabditidae ve Steinernematidae) Depolanmış Ürün Zararlısı, *Sitophilus oryzae* (Coleoptera: Curculionidae)'ye Etkinliğinin Belirlenmesi. 4. Uluslararası Katılımlı Entomopatojenler ve Mikrobiyal Mücadele Sempozyumu, Artvin, Türkiye, ss.79.
4. CANHİLAL R., BAYRAK N., ATMACA S., EROĞLU Z., ÖZDEMİR Y.E., ve TAŞKESEN Y.E., 2015. Entomopatojen Fungusların *Beauveria bassiana* ve *Fusarium sp.* Pamuk Çizgili Yaprak Kurdu *Spodoptera exigua* Lepidoptera Noctuidae Üzerinde Etkinliği. İç Anadolu Bölgesi 2. Tarım ve Gıda Kongresi, Türkiye.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

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



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▪ **OTHER PUBLICATIONS**

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

▪ **Master Thesis**

1. The Impact of Cover Crops on Soil Microbial Population and Soil Physical-Chemical Properties, 2019-2022.



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

Congress

1. Turkey V. Plant Conservation Congress, Antalya, Turkey, 2014.
2. The 4th National Agricultural Students Congress, Isparta, Turkey, 2014.
3. 4th International Symposium on Entomopathogens and Microbial Fighting, Artvin, Turkey, 2013.
4. The 3rd National Agricultural Students Congress, Antalya, Turkey, 2013.
5. The 2nd National Agricultural Students Congress, Kayseri, Turkey, 2012.
6. The 1st National Agricultural Students Congress, Izmir, Turkey, 2011.

Courses

1. MEB YLSY English Language Course, Istanbul University, 2015
2. MEB YLSY English Language Course, Syracuse University, 2016
3. Microsoft Office Applications: Microsoft Word, Excel, PowerPoint
4. AutoCAD 2007

Memberships

1. Soil Science Society of Amerika, SSSA, 2020-2022
2. Turkish Student Organisation, Auburn University, 2020-2022