



**TAGEM**  
R&D AND INNOVATION

DIRECTORATE OF PLANT PROTECTION CENTRAL  
RESEARCH INSTITUTE/ANKARA

## Erdoğan AYAN, MSc Agricultural Engineer

### EDUCATION

**MSc** 2010-2012 Ankara University  
Faculty of Agriculture

**Bachelor's Degree** 2005-2009 Selçuk University  
Faculty of Agriculture

**LANGUAGE** English

### CAREER

2012-... Agr. Engineer, Directorate of Plant Protection Central  
Research Institute/Ankara

2000-2012- Laboratory assistant, Directorate of Plant  
Protection Central Research Institute/Ankara

1996-2000- - Laboratory assistant, Southeast Anatolian  
Agricultural Research Institute

### ABOUT ME

He was born in Gümüşhane in 1978. He was assigned to Gap International Agricultural Research and Training Center as laboratory assistant in 1996. In 2009, he graduated from Faculty of Agriculture in Selçuk University. He completed his master's degree in Faculty of Agriculture, Ankara University, in 2009.

### CONTACT

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## Erdoğan AYAN, MSc Agricultural Engineer



### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. Efficacy of Ozone Technic to Storage Losses on Mediterranean Fruit Fly, *Ceratitis capitata* (Wiedemann) (Diptera: Tephritidae)
2. Determination of Natural Enemies with the Detection of Diseases, Pests and Weeds in Kivi Fruit Orchard in Western Black Sea Region
3. Biology and Biotechnic Control of Important Leafminer Species and Determination of Natural Enemies in Cherry Orchards in Sultandağı Basin.
4. Detection of *Xylella fastidiosa* and its vectors on different hosts in the Central Anatolia Region and determination of disease control strategies based on risk management.
5. Investigation of the effect of different control methods after the Codling moth [(*Cydia pomonella* L.) Lepidoptera: Tortricidae]] infected as artificial of cherry fruits.
6. Determination of Important Quarantine Pest *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) in Orchards and Preparation of Survey Protocols.
7. Survey, Population Monitoring of Mediterranean Fruit Fly [*Ceratitis capitata* (Wied.) (Diptera: Tephritidae)] and Determination of its Parasitoid and Predators in Fruit Orchards in Ankara and Konya Provinces.

#### ▪ **Ongoing Projects**

1. Detection of Entomopathogenic Nematodes in Cherry Orchards and Usage of Them for Control Cherry Fruit Fly, *Rhagoletis cerasi* L. (Diptera: Tephritidae) in Central Anatolia Region
2. Detection of Diseases and Pests, Determination of Their Prevalence and Density in Central Anatolian Walnut (*Juglans regia* L.) Production Areas
3. Determination of Biological Criteria for the Control and Control Opportunities of Mediterranean Fruit Fly, *Ceratitis capitata* (Wiedemann) (Diptera: Tephritidae) Harmful in Pear Orchards in Ankara Province
4. Determination of the Biology of the Winged Vinegar Fly *Drosophila suzukii* Matsumura, 1931 (Diptera: Drosophilidae) in the Central Anatolia Region
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## Agricultural Engineer



### ■ **PUBLICATIONS**

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

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

1. Yagci M., Özdem A., Erdoğan F D., Ayan E., 2021. Efficiency of entomopathogenic nematodes (Rhabditida: Heterorhabditidae and Steinernematidae) on the codling moth (*Cydia pomonella* L.) (Lepidoptera: Tortricidae) under controlled conditions. *Egyptian Journal of Biological Pest Control*, 31 (75),1-5

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

1. Bozkurt V., Özdem A., Ayan E., 2013. Coleopteran Pests Intercepted On Imported Forest Products In Turkey. The 4th International Agronomic Symposium. Jahorina- Bosnia-Herzegovina, 3-6 October 2013.
2. Bozkurt V., Ayan E., 2015. Forest Insect Species Intercepted on Wood Product with International Trade to Turkey. IUFRO Section 7.03.05 "Ecology and Management of Bark and Wood Boring Insects" and Section 7.03.12 "Alien Invasive Species and International Trade. Joint Meeting. September 1-4, 2015 - Bariloche, Argentina , .
3. Bozkurt V., Ayan E., 2015. Bark Beetle (Coleoptera: Scolytidae) in Turkey Forest, Their Management and Quarantine Regulations. "Ecology and Management of Bark and Wood Boring Insects" IUFRO Meeting. September 1- 4, 2015 - Bariloche, Argentina. , September 1- 4, 2015 - Bariloche, Argentina..
4. Bozkurt,V., E. Ayan, E. Kayış (2019). First Recorded Pest *Sinoxylon muricatum* (Linnaeus, 1767) (Coleoptera: Bostrichidae) and its Predator *Denops albofasciatus* Charpentier, 1825 (Coleoptera: Cleridae) International Agricultural Congress (UTAK2019) 21-24 November 2019/ Ayaş / Ankara / Türkiye.
5. Bozkurt,V., E. Ayan, E. Kayış (2019). Damage of *Sinoxylon muricatum* (Linnaeus, 1767) (Coleoptera: Bostrichidae) and Precautions to Take on Walnut. International Agricultural Congress (UTAK2019) 21-24 Kasım / 2019/ Ayaş / Ankara / Türkiye

##### ■ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

1. Insect Life Table, Predation Rate and Computer Simulation
2. Basic PCR Technicals
3. AB TAEIX "Technical and Scientific Review Produces for Plant Protection Products Filed Based on Preparations of Micro- Organims or Viruses, Semiochemicals and Botanical Active Substances"
4. Online International Workshop on Biotechnical Methods
5. Workshop on Effective use of Biological and Biotechnical Control in Fruit Growing
6. Meeting of the Committee for the Promotion of Fresh Fruit Export to the Far East
7. Seed Inspector Training
8. OECD Seed Certification System and Sampling Training According to ISTA Rules

