



**TAGEM**  
R&D AND INNOVATION

ATATURK HORTICULTURAL CENTRAL RESEARCH  
INSTITUTE / YALOVA

## Emre BİLEN, PhD Agricultural Engineer

### EDUCATION

- PhD** 2009-2016 Ege University Horticulture
  - MSc** 2006-2008 Mediterranean Agronomic Institute of Bari, ITALY Mediterranean Organic Agriculture
  - Bachelor's Degree** 2000-2006 Ege University Ziraat Fakültesi
- LANGUAGE** English: 98,75 (YÖKDİL 2022/1)


### CAREER


- 2011 - Onwards Researcher, Ataturk Horticultural Central Research Institute - YALOVA
- 2009 - 2010 Lecturer, Dokuz Eylul University, Izmir Vocational School, - İZMİR


### ABOUT ME

He is a researcher at Ataturk Horticultural Central Research Institute since 2011. He was a visiting scholar at University of California, Davis in 2017. His research interests focus on sustainability, organic agriculture, olive farming and breeding. His current projects involve comparison of different orchard floor management methods in organic olive farming; characterization, collection and utilization of olive genetic resources and breeding. He is also the editor of the scientific journal Bahce.

### CONTACT

 Süleyman Bey Mh., 77100 Merkez / Yalova 77100 TÜRKİYE

 [emre.bilen@tarimorman.gov.tr](mailto:emre.bilen@tarimorman.gov.tr)

 +90 226 814 25 20 / 1209



## Emre BİLEN, PhD Agricultural Engineer



### ▪ **PROJECTS**

- Climate Focused Agricultural Vocational Education
- Orchard Floor Management in Organic Olive Farming
- Collection, Conservation and Evaluation of Olive Genetic Resources
- Investigating the Possibility of Developing Dwarf Olive Rootstocks
- Breeding New Olive Cultivars using cross-pollination
- Production of Black Table Olives with Ultrasound Brine
- Rootstock and Cultivar Breeding by Selection from Wild Olive (*O. europaea* L. subsp. *oleaster*) Populations from Black Sea, Marmara and Aegean Regions - II
- Establishment and Management of Adaptation Plots for the Determination of Genotype x Environment Relationship in Different Ecological Conditions in Olives (YALOVA)
- Production of Green and Black Table Olives and Determination of Product Quality in Microwave Dryer by Applying Different Pretreatments



# Emre BİLEN, PhD

## Agricultural Engineer



### ▪ **PUBLICATIONS**

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

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

- **Bilen, E.**, Das Kilic, B. O., Biyikli, M., & Mısır Bilen, G. (2020). Effects of Different Floor Management Methods Applied for Five Years in an Organic Olive Orchard. *Acta Horticulturae*(1286), 193-198. doi:10.17660/ActaHortic.2020.1286.27
- Archer, L., Mahvelati, N., Zhang, L., **Bilen, E.**, Raza, M., Sajid, M., Sheikhi, A., Tajabadipour, A., Lange, E., & Ferguson, L. (2017). *Determining the effect of Acadian LSC seaweed extract on pistachio inflorescence bud abscission*. Fresno: California Pistachio Research Board.
- Zhang, L., Beede, B., Scroggs, A., Mehvelati, N., Archer, L. F., Lange, E. A., Sajid, M., **Bilen, E.**, & Ferguson, L. (2017). *Field dust: how it affects pistachio pollination*. Fresno: California Pistachio Research Board.
- Evrenosoğlu, Y., Misirli, A., Saygili, H., **Bilen, E.**, Boztepe, Ö., & Acarsoy, N. (2011). Evaluation of Susceptibility of Different Pear Hybrid Populations to Fire Blight (*Erwinia amylovora*). *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 39(1), s. 226-236.
- Evrenosoğlu, Y., Mısırlı, A., Akçay, M. E., Ünal, A., Acarsoy, N., Özdemir, N., **Bilen, E.**, Boztepe, Ö., & Günen, E. (2010). Variability of Different Pear Hybrid Populations in Terms of Hybridization Performance and the Response to Fire Blight (*Erwinia amylovora*) Attack. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 38(1), s. 241-247.

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

- **Bilen, E.**, Das Kilic, B. O., Biyikli, M., & Misir, G. (2018). Effects of Different Floor Management Methods Applied for Five Years in an Organic Olive Orchard. 30th International Horticultural Congress (IHC 2018 Istanbul). Istanbul.
- Archer, L. F., Ferguson, L., Mahvelati, N., Zhang, L., Brar, G., Syverson, D. Y., **Bilen, E.**, Raza, M., Sajid, M., Sheikhi, A., Tajabadipour, A., Lange E., and Little, H. (2018). Determining the Effect of Acadian LSC Seaweed Extract on Pistachio Inflorescence Bud Abscission. 2018 ASHS Annual Conference. Washington DC.
- Zhang, L., Archer, L. F., Lange, E., **Bilen, E.**, Sajid, M., & Ferguson, L. (2018). Inadequate Chill Influences Carbohydrate Resources and Flower Development in Pistachio (*Pistacia vera* L.). 2018 ASHS Annual Conference. Washington DC.
- **Bilen, E.**, Mısır, G. & Aktepe Tangu N. (2018). Organik Zeytin Yetiştiriciliğinde Farklı Bahçe Zemin Yönetimi Metotlarının Ekonomik Performansları. *International Agriculture Congress*. Komrat, Moldova.
- Aktepe Tangu N., **Bilen, E.**, & Şen, A. (2018). Biyotik ve Abiyotik Stres Karşısında Bitkilerde Gelişen Savunma Mekanizmaları. *International Agriculture Congress*. Komrat, Moldova.
- **Bilen, E.**, Daş Kılıç, B. Ö., Biyikli, M., & Mısır, G. (2017). Effects of Different Floor Management Methods in Organic Olive Orchard. *International Conference on Development of Organic Agriculture in Central Asia*. Tashkent, Uzbekistan.
- **Bilen, E.**, Özsoy, N., Nazik Bayram, C.A., Ünal, M., Aslan, H.B., Kaya, S., Duman, İ., Al Bitar, L., & Aksoy, U. (2016). Performance of organic vegetable rotations under Mediterranean experimental and on-farm conditions. *Proc. Int. Symp. on Innovation in Integrated & Organic Horticulture (INNOHORT)*, Avignon, France. DOI: 10.17660/ActaHortic.2016.1137.11



## Emre BİLEN, PhD Agricultural Engineer



- **Bilen, E.**, Daş Kılıç, B. Ö., Bıyıklı, M., & Aksoy, U. (2015). Soil Management for a Sustainable Organic Olive Farming in Turkey. *IFOAM Agribiomediteraneo International Conference*. Vignola, Italy.
- Evrenosoğlu, Y., Mısırlı, A., Aysan, Y., Saygılı, H., Boztepe, Ö., **Bilen, E.**, Horuz, S., Baykul, A., Acarsoy, N., Yazıcı, İ. (2013), Selections for Resistance Fire Blight Disease in Young F1 Hybrid Pear Seedlings in Turkey, 13th ISHS International Fire Blight Workshop, 2-5 July 2013 – Zürich - Switzerland.
- **Bilen, E.**, Nazik, C. A., Ünal, M., Bteich, M. R., Al Bitar, L., & Aksoy, U. (2010). Economic Performance of Pre-Crops in a Three-Year Rotation Program for Organic Vegetable Production. 28th International Horticultural Congress (IHC 2010 Lisboa). Lisboa: Acta Horticulture.
- **NATIONAL ARTICLES AND PAPERS**
- **Articles Published in National Journals**
- Evrenosoğlu, Y., Mısırlı, A., Aysan, Y., Saygılı, H., Boztepe, Ö., Horuz, S., Acarsoy Bilgin, N., **Bilen, E.**, Baykul, A., (2017). Evaluation of fire blight (*Erwinia amylovora*) disease reaction of pear hybrid combinations. *Tarım Bilimleri Dergisi*, 23(2), 177-184.
- Acarsoy Bilgin, N., Evrenosoğlu, Y., Yılmaz, K., Yiğit, T., Kokargül, R., Gökalp, K., Alaattin, T., Boztepe, Ö., Kacar, E., **Bilen, E.** & Mısırlı, A. (2016). Melez Kayısı Populasyonunun Meyve Kalite Özellikleri ile İlgili Genel Değerlendirme [ENG: General Evaluation of Hybrid Apricot Populations to Fruit Quality Characteristics]. *Ege Üniversitesi Ziraat Fakültesi Dergisi*, 53(1), pp. 25-34.
- Aktepe Tangu, N., Akçay, E., & **Bilen, E.** 2016. Bazı Ümit var Sofralık Zeytin Tiplerinin Pomolojik Özellikleri, *Bahçe*, 45(2), s:55-65.
- Dura, O., Dura, S., & **Bilen, E.** (2012). Biberde Zararlı Batı Çiçek Tripsinin (*Frankliniella occidentalis* (Pergande)) Biyolojik Mücadelesinde *Metarhizium anisopliae* str. F 52'nin Etkin Dozunun Belirlenmesi. *Bahçe*, 47(1), s. 1-7.
- Evrenosoğlu, Y., Mısırlı, A., Aysan, Y., Saygılı, H., Boztepe, Ö., Horuz, S., Acarsoy, N., **Bilen, E.**, Baykul, A., Yazıcı, İ. (2014). F1 Melez Armut Populasyonunun Ateş Yanıklığı Hastalığı Etmeni *Erwinia amylovora* Karşı Reaksiyonunun Belirlenmesi. *Ege Üniversitesi Ziraat Fakültesi Dergisi*, 51(2), 185-190.
- **International Papers, Seminars, etc.**
- **Bilen, E.**, & Çiçekli, Ö. (2019). Dünyada ve Türkiye'de Organik Tarım. *VI. Organik Tarım Sempozyumu*. İzmir.
- **Bilen, E.**, Mısır Bilen, G., & Aktepe Tangu, N. (2019). Organik Zeytin Yetiştiriciliğinde Farklı Bahçe Zemin Yönetimi Metotlarının Ekonomik Performansları. *VI. Organik Tarım Sempozyumu*. İzmir.
- Duman, İ., Kaya, S., Düzyaman, E., Aksoy, U., Al Bitar, L., Nazik, C. A., **Bilen, E.**, Ünal, M., Özsoy, N. (2013). Organik Üretimde Fiğ (*Vicia sativa*) İle Yapılan Yeşil Gübremenin Bazı Sebze Türlerinin Verimine ve Toprak Özelliklerine Etkisi. *Türkiye V. Organik Tarım Sempozyumu*, (s. 9-19). Samsun: Ondokuz Mayıs Üniversitesi.
- Kaya, S., Duman, İ., Düzyaman, E., Nazik, C. A., **Bilen, E.**, Ünal, M., Aksoy, U. & Al-Bitar, L. (2010). Organik Tarımda Nadas ve Ön Bitki Olarak Yetiştirilen Brokkolinin Bazı Yazlık Sebze Türlerindeki Verim Ve Kaliteye Etkisinin Belirlenmesi. *Türkiye IV. Organik Tarım Sempozyumu*, (s. 239-243). Erzurum.
- Duman, İ., Düzyaman, E., Kaya, S., Nazik, C., Pullu, H., **Bilen, E.**, & Aksoy, U. (2009). Organik Yetiştiricilikte Bezelye-Fasulye-Bakla Rotasyonunun Verim Ve Kalite Özelliklerine Etkisi. *Mersin 7. Yaş Meyve Sebze Sempozyumu*. Mersin.



**Emre BİLEN, PhD**  
Agricultural Engineer

**TAGEM**  
AR-GE & İNOVASYON

▪ **OTHER PUBLICATIONS**

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

1. **Bilen, E.** (2016). *Organik Zeytin Yetiştiriciliğinde Farklı Toprak Yönetim Sistemlerinin Verim ve Kaliteye Olan Etkileri*. Ph.D. Thesis, Ege University, İzmir
2. **Bilen, E.,** Çiçekli, Ö., Altındişli, A., Aksoy, U. (2012) Dünyada ve Türkiye'de organik Tarım. Coşkun, M., Çiçekli, Ö., Polat, M., Candemir, M. (Ed.) *Organik Tarım* (s. 8-37) İstanbul: İmak Ofset.
3. **Bilen, E.** (2008). *Evaluation of pre-crops and fertilization on organic zucchini under Mediterranean conditions: case of Turkey*. Master Thesis , MAI-Bari - Mediterranean Agronomic Institute of Bari, Mediterranean Organic Agriculture, Bari.



**DR. Emre BİLEN**  
Agricultural Engineer



- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**
- International Conference on Organic Agriculture in Mediterranean Climates: Threats and Solutions (ABM2022), Izmir, 27-29 May 2022, **Organizing Committee,**
- Scientific Journal Bahçe, 2021 - Onwards, **Editor in Chief,**
- Turkish Society for Horticultural Science 2019 - Onwards, **Board Member,**
- X. International Kiwi Symposium, Yalova, 27-30 September 2021, **Organizing Committee,**
- 30th International Horticultural Congress (IHC2018), Istanbul, 12-16 August 2018, **Organizing Committee,**
  - S11- Nuts and Mediterranean Climate Fruits: Advances in Breeding and New Strategies of Horticultural Management for Sustainable Production, **Scientific Committee,**
- International Conference on Development of Organic Agriculture in Central Asia, Tashkent, Uzbekistan, 22-24 August 2017, **Scientific Committee,**
- 3. International Symposium on Organic Greenhouse Horticulture, Izmir, 11-14 April 2016, **Organizing Committee,**
- Association of Ecological Agriculture Organization - Yalova Branch, 2012-2018, **Board Member,**