



**TAGEM**  
R&D AND INNOVATION



## ZEYNEP ERYILMAZ, PhD Agricultural Engineer

### EDUCATION

- Assoc. prof**
  - PhD** Akdeniz University / Faculty Of Agriculture –  
2019 Department of Horticulture
  - MSc** Akdeniz University / Faculty Of Agriculture –  
1993-1995 Department of Horticulture
  - Bachelor's Degree** Akdeniz University / Faculty Of Agriculture –  
1987-1991 Department of Horticulture
- LANGUAGE** İngilizce YDS 57.5


### CAREER


- 2004—Cont. Researcher (Agri. Engi.), Batı Akdeniz Agricultural Research Institute (BATEM), ANTALYA/Türkiye
- 1999-2004 Researcher (Agri. Engi.), Citrus and Greenhouse Research Institute (BATEM) ANTALYA/TÜRKİYE


### ABOUT ME

My areas of expertise: Fruit growing technique and Breeding, subtropical fruits, Citrus growing technique and Breeding, Mutation Breeding,

### CONTACT

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# ZEYNEP ERYILMAZ, PhD

## Agricultural Engineer



### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. citrus variety Improvement programme in Turkey (1999-2008),TAGEM, **Researcher**
2. The effect of green manure and olive cake application for organic Star Ruby production in Antalya, Serik condition, TAGEM, **Project Leader**, 2004-2008.
3. Determination of mutant common mandarin and lemon that show no periodisite, seedless and thornless (, TAGEM, **Researcher**, 1999-2009.
4. The collection, characterizasyon, protection and evoliation of citrus genetic resources of Turkey TÜBİTAK, 105G072 TUBİTAK, 1007, (2007-2009), **Researcher**
5. The Citrus Rootstock and Variety Improvement to Accelarate Citrus Sector Development and Export Competetiveness of Turkey . TÜBİTAK 112G073, TUBİTAK 1007, (2013-2017), **Researcher**
6. Some new Orange Cultivars Grafted on Different Rootstocks, plant and Pomological Characteristics in Western Mediterranean region – I,TAGEM, **Project Leader**, 2012-2016.
7. Breeding new orange varities through mutation from Cara Cara Navel (Citrus sinensis (L.) Osbeck ) (TUR020-438 ) orange variety-I. TAGEM, **Project Leader** 2012-2016.
8. Obtaining of New Genotypes from Avocado‘Hass’ Variety by Mutation Breeding-I, TAGEM, **Researcher**, 2015-2020.
9. Drip Irrigation System with applied nitrogen Washington Navel Orange Yield and Quality Features Effects in Different Levels, TAGEM, **Researcher**, 2006-2009.
10. Some new kumquats on Different Rootstocks, plant and Pomological Characteristics in Antalya conditions, TAGEM, **Researcher**, 2011-2016.
11. Some new Orange Cultivars Grafted on Different Rootstocks, plant and Pomological Characteristics in Western Mediterranean region - II, TAGEM, **Project Leader**, 2016-2021.
12. Breeding new orange varities through mutation from Cara Cara Navel (Citrus sinensis (L.) Osbeck ) ( TUR020-438 ) orange variety - II, TAGEM, **Project Leader**. 2016-2021.
13. Obtaining of New Genotypes from Avocado ‘Hass’ Variety by Mutation Breeding-II, TAGEM, **Researcher**,2021-2025.

#### ▪ **Ongoing Projects**

1. Some new Orange Cultivars Grafted on Different Rootstocks, plant and Pomological Characteristics in Western Mediterranean region-III, (2016-2021, TAGEM, **Project Leader**
2. Breeding new orange varities through mutation from Cara Cara Navel (Citrus sinensis (L.) Osbeck ) (TUR020-438 ) orange variety-III, TAGEM, **Project Leader** 2012-2016.
3. Obtaining of New Genotypes from Avocado ‘Hass’ Variety by Mutation Breeding-II, TAGEM, **Researcher**, 2021-2025.



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### ■ **PUBLICATIONS**

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

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

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

1. **Eryilmaz, Z.**, T. Yeşiloğlu. 2004. The Effect of Girdling, Fe-Chelate and Sea Weed Extract Application on Fruit Yield and Quality of Clementine Mandarin. 10th International Citrus Congress, 15– 19 February 2004 Agadir, Morocco, p.14.
2. **ERYILMAZ, Z.**, ÖZKAN, C., DEMİRTAŞ, I., ÇELİK, N., Antalya SerikKoşullarında Organik Star Ruby Altıntop Yetiştiriciliğinde Yeşil gübreleme ve Zeytin Kekinin Kullanım İmkanlarının Araştırılması. 11th International Citrus Congress, Wuhan, 2008, China,
3. **Eryilmaz, Z.**, Ercisli S., Gübbük H., and Tuncay M., 2012. A New orange cultivar 'BATEM Baharı' selected from cv. Valencia Late. 12th International Citrus Congress, 15 – 19 October, 2012 Valencia, Spain, p. 58
4. **Eryilmaz, Z.**, Dal B., Tuncay M., Balkılıç R., and Gübbük H. .2012.. BATEM Fatih: A New Orange Selection from cv. Washington Navel. 12th International Citrus Congress, 15 – 19 October, 2004 Valencia, Spain, p. 57
5. **Eryilmaz, Z.**, Tuncay M., Yener A., Göral T., Salman A., Hazal A.Y. and Gübbük H..BATEM Şekeri,2013. International Plant Breeding Congress, 10-14 Oct. 2013 Antalya/Türkiye
6. **Eryilmaz, Z.**, 2021. Plants and Fruit Characterists of Some Lime Varieties in Antalya conditions. I. Internatinal Farm Congress, 29-31 Oct.2021 Alanya/Antalya/Türkiye

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

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

- Yazıcı, K., Biner, Ş.B., ERYILMAZ, Z, 2016. "2,4- diklorofenoksi propiyonik asit (2,4-DP) uygulamalarının Star Ruby altıntop (Citrus x paradis Macfad.) çeşidinde verim ve meyve kalitesi üzerine etkileri," Mediterranean Agricultural Sciences. Akdeniz Üniversitesi Ziraat Fakültesi Dergisi,29(2):39-42, Antalya.
- GÜVEN, D., Nuri Arı, N., **ERYILMAZ, Z.**, Özkan, C.F. Öktüren Asri, F, DEMİRTAŞ, E.I., Çelikyurt , M. A., 2018. The Effect of Different Levels of Nitrogen on The Yield of Washington Navel Orange Applied with Drip Irrigation System. Türk Tarım ve Doğa Bilimleri Dergisi 5(4): 440–446.

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

1. **Eryilmaz, Z.**, Ataseven Işık, E., Eşitken, A., Eski, H. 2003 Etkili Mikroorganizmaların Organik Tarımda Kullanım Olanakları. Turkish 4th National Horticultural Congress. 8-12 Eylül, Antalya, s .559-562.
2. Kelten M., Taşdemir T., Göçmen M., Güneş S., Taşdemir.H.A., **Eryilmaz, Z.**, Tepe S., Dal., B., Turgutoğlu, E., Aktaş, G., Kurt, Ş., 2003. The Citrus Variety Improvement Program in Turkey. Turkish 4th National Horticultural Congress, 8-12 september, Antalya p. 63-65
3. **Eryilmaz, Z.**, Kunter, B., Özdemir, M., Aydın, S., Yıldırım, I., Öztop, A., Gübbük, H.,2016. Portakallarda Mutasyon Islahı İle Elde Edilen Genotiplerin Süs Bitkisi Olarak Değerlendirilebilmesi Olanakları. VI. Süs Bitkileri Kongresi 19-22 Nisan, Antalya



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▪ **OTHER PUBLICATIONS**

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

1. **Eryılmaz, Z.** 2009 Turunçgillerde Don Zararı ve Dondan Korunma Yöntemleri Tarım Türk Dergisi, Kasım-Aralık 2009 Sayı 20 yıl:4:64-66



## ZEYNEP ERYILMAZ, PhD Agricultural Engineer



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

1. Ecological Agriculture Course, 24-29 Aralık 2001, Tarım İl Müd., Antalya
2. Implementation of Nuclear Techniques in Agriculture Course, 16-20 December 2002, Antalya
3. 10th International Citrus Congress, 15– 19 February 2004 Agadir, Morocco
4. Plant Breeding Course, First Level. 01-05/March/2004. Antalya
5. Plant Breeding Course, Third Level, 13-17/December/2004, Samsun, GDAR, 12th International Citrus Congress, 15 – 19 October, 2012 Valencia, Spain,
6. Turkey IV. National Horticulture Congress, 8-12 September 2003, Antalya
7. Internationalı Plant Breeding Congress, 10-14 Oct. 2013 Antalya/Türkiye
8. 12th International Citrus Congress, 15 – 19 October, 2012 Valencia, Spain,
9. II.Doğu Karadeniz Organıc Farming Congress, 6-9 October, 2015 Rize/Türkiye
10. VI. I Ornamental Plants Congress, 19-22 April, 2016.Antalya
11. I. International Agriculture Congress, 29-31 Oct.Alanya/Antalya/Türkiye