



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA

Süleyman Bayram, PhD Agricultural Engineer

EDUCATION

- Assoc. prof**
- PhD** 2006-2013 Süleyman Demirel Üniversitesi Horticulture Department
- MSc** 2003-2006 Süleyman Demirel Üniversitesi Horticulture Department
- Bachelor's Degree** 1992--1996 19 Mayıs Üniversitesi Faculty of Agriculture (Horticulture Department)
- LANGUAGE** English YDS 54

CAREER

- 2013-.....** Head of Production and Management Department, Directorate of Batı Akdeniz Agricultural Research Institute-ANTALYA
- 2004-2013.** Researcher, Directorate of Western Mediterranean Agricultural Research Institute-ANTALYA
- 1998-2004.** Researcher, Citrus and Greenhouse Research Institute-ANTALYA
- 1997-1998.** District Director of Agriculture, Gercüş District Directorate of Agriculture and Forestry-BATMAN
- 1996-1997.** Agricultural Engineer, Sason District Directorate of Agriculture and Forestry-BATMAN
- 1992-1996.** Technician, Sason District Directorate of Agriculture and Forestry-BATMAN

ABOUT ME

He was born in Çankırı in 1974. He entered Çankırı Agricultural Vocational High School in 1988 and graduated in 1992 and started to work as a Technician in Batman Provincial Directorate of Agriculture and Forestry. In the same year, he entered the Faculty of Agriculture of 19 Mayıs University and graduated from the Department of Horticulture in 1996.

Until 1998, he worked as a technician, engineer and district agriculture manager in Batman Provincial Directorate of Agriculture and Forestry.


He started to work as a researcher on 'Avocado Cultivation and Breeding' at the Citrus and Greenhouse Research Institute (BATEM) within TAGEM.

Since 1998, he has been working as a researcher and head of department on 'Avocado' at BATEM.

CONTACT

Demircikara Mahallesi Paşa Kavakları
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TÜRKİYE

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Avocado Adaptation
2. Persimmon Adaptation
3. Studies onto Rootstocks Properties and Compatibility Situations with Grafted Varieties of Some Avocado Varieties - Ph. D. Thesis
4. Determination of Maturity Period of Some Avocado Varieties by Using Physiological and Chemical Parameters
5. Collection, Characterization, Preservation and Evaluation of Genetic Resources of Citrus.
6. Development of Clonal rootstocks for Avocado.
 - a. Acquisition of Superior Genotypes of Hass Avocados types with Mutation Breeding.

▪ **Ongoing Projects**

1. Clonal Rootstock Development for Some Avocado Cultivars
2. Obtaining Superior Quality Genotypes from Hassle Avocado Varieties by Mutation Breeding
3. Development of New Pomegranate Varieties by Crossbreeding in the Western Mediterranean

▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. **Bayram, S.**, Arslan, A., Turgutoğlu, E., Erkan, M., 2012. The Performance of Some Avocado Cultivars under Mediterranean Coastal Conditions in Turkey. *Journal of Food, Agriculture & Environment*, 10 (2), 588-592.
2. Kurbetli, İ., Sülü, G. Aydoğdu, M., Woodward, S. and **Bayram, S.**, 2020. Outbreak of *Phytophthora cinnamomi* Causing Severe Decline of Avocado Trees in Southern Turkey. *Journal of Phytopathology*. 00:1–9.
3. Dolgun, O., Tekintas, F. E., **Bayram, S.** and Kurtaslan, T, 2020. Determination of the Development Performances of Pecan Saplings in Aydın Ecological Conditions. *Asian Journal of Advances in Agricultural Research*, 14(3): 11-19.
4. Aydinsakir, K., Dinc, N. Isik, M. Bayir Yegin, A. Ozbek, O., **Bayram, S.** and Bastug, R. (2022). Determining the Effect of Deficit Irrigation Applications on Yield and Quality Parameters in Grapefruit and Economical Assessment. *J. Irrig. Drain Eng.*, 2022, 148(6): 04022018, 1-15.



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▪ International Papers, Seminars, etc.

1. Demirkol, A., **Bayram, S.**, Baktır, İ., 2004. Adaptation and Performance of 15 Avocado Cultivars Grown in Antalya Province in Southern Turkey. Proceeding XXVI, IHC-Citrus; Subtropical and Tropical Fruit Crops. Acta Hort, 632, 45-52.

▪ NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

1. **Bayram, S.**, Arslan, A., Turgutoğlu, E., 2006. Developing of Avocado Cultivation in Turkey and Some Important Proposed Varieties. Derim, 23(2), 1–13.
2. **Bayram, S.** ve Aşkın, M. A. 2006. Using of Oil and Dry Matter Parameters in Some Avocado Cultivars for Determination of Harvest Date. Süleyman Demirel University, Journal of The Faculty of Agriculture, 1(2), 38-48.
3. **Bayram, S.**, Arslan, A. 2007. Effects of Low and High Temperatures on Avocado Cultivation, Derim, 24(2), 9–19.
4. **Bayram, S.**, Tepe, S. 2008. The Effect of Low and High Temperatures on Some Avocado Varieties Growing in Antalya Conditions, Akdeniz University Journal of The Faculty of Agriculture, 21(1), 97-104.
5. **Bayram, S.**, Tekintaş, F.E., Aşkın, M.A. 2014. Anatomical and Histological Researches on Rootstock and Scion Compatibility in Early Period After Grafting in Avocado, Derim, 31(2), 63–78.
6. **Bayram, S.**, Aşkın, M.A., 2015. Determination of ABA and GA₃ Contents During the Seedling Growth Periods of Some Avocado Rootstocks, Anadolu Journal of Agricultural Sciences, 30, 7-14.
- 1- **Bayram, S.**, Aşkın, M.A. 2015. Research on seedling growth and seed germination of some avocado cultivars, Akdeniz University Journal of The Faculty of Agriculture, 28(2): 45-51.
- 2- **Bayram, S.**, Tepe, S., Toker, R. 2016. Determination of Some Physical and Chemical Changes in Fruits of Hass Avocado Cultivar During Harvesting Time, Derim, 33(1), 14–26.
- 3- **Bayram, S.**, Tepe, S., 2018. Determination of some physical and chemical changes of fruits of Edranol, Ettinger and Wurtz avocado varieties during harvest periods, Derim, 35(2):96-110.
10. **Bayram, S.**, Tepe, S., 2019. Determination of Some Physicochemical Properties in Fruits of Some Avocado (*Persea americana* Mill.) Cultivars During the Harvesting Periods, Derim, 36(1):1-12.
11. **Bayram, S.**, Tepe, S., 2020. Determination of harvesting time of Bacon, Fuerte and Zutano avocadocultivars in Antalya conditions, Mediterranean Agricultural Sciences, 33(1): 1-8.
12. **Bayram, S.**, Tepe, S., 2020. Determination of The Harvesting Time of Hass Cultivar in Antalya Conditions, HortiS 37(2):102-112.

▪ International Papers, Seminars, etc.

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International Papers, Seminars, etc.

1. Onur, C., **Bayram, S.**, Kaplan, N., Kaya, H., 1999. Karadeniz Bölgesinde Yetiştiriciliği Yapılabilecek Bazı Meyve Türleri. Karadeniz Bölgesinde Tarımsal Üretim ve Pazarlama Sempozyumu, Samsun, 119-121, (in Turkish).
2. **Bayram, S.**, Demirkol, A., 2003. Antalya Koşullarında Yetiştirilen Bazı Avokado Çeşitlerinin Meyve Özelliklerinin Saptanması Üzerine Araştırmalar. Türkiye IV. Ulusal Bahçe Bitkileri Kongresi, Antalya, 95-98, (in Turkish).
3. Eski, H., **Bayram, S.**, Tepe, S., Koyuncu, M. A., Erkan, M. 2008. Hasat Öncesi Düşük Sıcaklıkların Hass Avokado Çeşidinin Muhafazası Üzerine Etkileri. Bahçe Ürünlerinde IV. Muhafaza ve Pazarlama Sempozyumu, Bildiriler Kitabı, 267-275, (in Turkish).

OTHER PUBLICATIONS

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

1. **Bayram, S.** 2006. Bazı Avokado Çeşitlerinde Hasat Zamanını Belirlemek İçin Fizyolojik Parametrelerin Kullanılması, Yüksek Lisans Tezi, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Bahçe Bitkileri Anabilim Dalı, Isparta.
2. **Bayram, S.** 2013. Bazı Avokado Çeşitlerinin Anaçlık Özelliklerinin Ve Üzerine Aşılı Çeşitlerle Uyuşma Durumlarının İncelenmesi, Doktora Tezi, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Bahçe Bitkileri Anabilim Dalı, Isparta.
3. **Bayram, S.** 2006. Avokado (Ed: S. Bayram). Akdeniz İhracatçılar Birliği, Mersin, S:88.
4. **Bayram, S.** 2009. Avokado Bahçe Tesisi, BATEM Web Sitesi.
5. **Bayram, S.** 2009. Avokado Çeşitleri, BATEM Web Sitesi.
6. **Bayram, S.** 2009. Avokadonun Hasat Zamanının Belirlenmesinin Önemi, BATEM Web Sitesi.
7. **Bayram, S.** 2009. Avokadonun İnsan Beslenmesinde Değeri, BATEM Web Sitesi.
8. **Bayram, S.** 2009. Avokadonun Pazar Değeri ve Geleceği, BATEM Web Sitesi.
9. **Bayram, S.** 2009. Dünyada ve Türkiye'de Avokado Yetiştiriciliği, BATEM Web Sitesi.
10. **Bayram, 2014.** Avokado, BATEM Çeşit Kataloğu, Antalya.



Süleyman Bayram, PhD Agricultural Engineer



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

1. Plant Breeding, 2005, Antalya.
2. Statistics, 2005, Antalya.
3. Collection and Evaluation of Meteorological Data, 2009, Ankara.
4. Avocado Cultivation, 2005. Antalya-ART TV
5. Avocado Cultivation, 2006. Antalya-VTV.
6. Avocado Fruit Harvest, 2007. The Voice of This Land, TRT-3.
7. Avocado Cultivation, 2007. The Voice of This Land, TRT-3.
8. Avocado Cultivation, 2013. The Voice of This Land, TRT-Anadolu.
9. Avocado Cultivation, 15-25 September, 2020. Antalya-Provincial Directorate of Agriculture and Forestry, Distance Education
10. Sapling Growing in BATEM, 2015. Antalya Radio, TRT
11. Avocado Cultivation, 2021. TV82, Alanya.
12. Avocado Cultivation, 2021. Digi Z, Alanya.
13. Avocado Workshop, 2021, BATEM
14. E-Avocado Workshop, 2022, Antalya Commodity Exchange.