



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA

ALPASLAN ŞAHİN, MSc Agricultural Engineer

EDUCATION

- **Assoc. prof**
- **PhD**
- **MSc** 2001-2004 Süleyman Demirel Üniversitesi Ziraat Fakültesi
- **Bachelor's Degree** 1987-1992 Ankara Üniversitesi Ziraat Fakültesi
- **LANGUAGE** English KPDS 44

CAREER

- 1991-1993 Öğretmen, Kulu Milli Eğitim Müdürlüğü-KONYA
- 1993 Mühendis, Orman Bölge Müdürlüğü-ANKARA
- 1993-1997 Mühendis, Orman Bölge Müdürlüğü-GİRESUN
- 1997-2004 Mühendis, Narenciye ve Seracılık Araştırma Enstitüsü-ANTALYA
- 2004-2022 Mühendis, Batı Akdeniz Tarımsal Araştırma Enstitüsü-ANTALYA

ABOUT ME

He was born in Turluhan in 1967. He graduated from Ankara University Faculty of Agriculture in 1992. He continued his professional education in the biology of pomegranate at Süleyman Demirel University, Institute of Science and Technology.

He has been working on the "Pomegranate Cultivation" and "Development of New Pomegranate Varieties through Crossbreeding" projects since 1999.

CONTACT

📍 BATEM, Boztepe Mah. Serik Cad. No:
270 L Aksu/Antalya
TÜRKİYE

🌐 sahinalpaslan@tarimorman.gov.tr

☎ 0242 727 23 77



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▪ **PROJECTS**

▪ **Projects Conducted**

1. Adaptation Of Pomegranate (*Punica Granatum L.*) Cultivars IV (1999-2004, TAGEM, Project Leader).
2. Biological Studies on Pomegranate (*Punica Granatum Cv. Hicaznar*) which is Grown in Antalya (2003-2004, TAGEM, SDÜ, Project Leader).
3. The Effect of Cutting Source and Cutting Location on The Branch on Yield, Quality and Rooting of Pomegranate (*Punica Granatum L.*) Cuttings (1999-2006, TAGEM, Project Leader).
4. Determination of Shelf Life of New Pomegranate Types Improved By Hybridization (2007, TAGEM, Researcher).
5. Organic Pomegranate Growing (2002-2008, TAGEM, Researcher).
6. Creation of and Irrigation Program for Pomegranate Irrigated with Drip Irrigation in Antalya Basin Conditions (2009-2015, TAGEM, Researcher).
7. Development of Molecular Markers Linked to Important Traits in Pomegranate Using Bulk Segregant Analysis (2014-2017, TÜBİTAK, Researcher).
8. Effects of Different Pre-applications and Storage Conditions on Storage Life and Fruit Quality of 'Hicaznar' Pomegranate Cultivar (2015-2018, TAGEM, Researcher).
9. Improvement of New Pomegranate (*Punica granatum L.*) Cultivars By Cross Breeding in Western Mediterranean (1999-2021, TAGEM, Researcher, Project Leader).

▪ **Ongoing Projects**

1. Improvement of New Pomegranate (*Punica granatum L.*) Cultivars By Cross Breeding in Western Mediterranean (2020-2024, TAGEM, Project Leader).
2. Effect of Inoculation with Mycorrhizae of Pomegranate Seedlings on The Uptake of Plant Nutrient Element, Seedlings Development and Root Rot (2019-, TAGEM, Researcher).



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■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. Yazıcı, K., Şahin, A., 2016. Characterization of pomegranate (*Punica granatum* L.) hybrids and their potential use in further breeding. *Turkish Journal of Agriculture and Forestry*, 40:813-824.
2. Dinc, N., Aydinsakir, K., Isik, M., Bastug, R., Ari, N., Sahin, A., Buyuktas, D. 2018. Assessment of different irrigation strategies on yield and quality characteristics of drip irrigated pomegranate under mediterranean conditions. *Irrigation Science*. 36:87–96. doi:10.1007/s00271-017-0565-5.

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

1. Yazici, K., Şahin A., Özkan, C.F., Sayın, B., Öztop, A., Demirtaş, E.I., et al., "The effect of conventional and organik fertilization on yield and fruit quality of pomegranate (*Punica granatum* L.cv. Hicaznar)", III International Symposium on Horticulture in Europe-SHE2016, Chania, Grete, Yunanistan, 17-21 Ekim 2016, pp.67-67.
2. Çevik, M. Ç., Yazıcı, K. and Şahin, A. Development of molecular marker linked to red peel color in pomegranate using bulk segregant analysis. III. International Plant Breeding Congress. Girne, KKTC, 15-19 Ekim 2017, pp 27.

■ **NATIONAL ARTICLES AND PAPERS**

■ **Articles Published in National Journals**

■ **National Papers, Seminars, etc.**

1. YAZICI, K., ŞAHİN, A.ve KAYNAK, L., 2008. Determination of Shelf Life of New Pomegranate Types Improved By Hybridization. IV Storage and Marketing Symposium in Horticultural Crops, pp. 293-300, 8-11 October 2008, Antalya.
2. ŞAHİN, A., GÖZLEKÇİ, Ş. ve BAYRAM, S., 2012. Systematic and Important Pomegranate Cultivars (*Punica granatum* L.) Grown in Turkey. I National Pomegranate Congress. Symposiums and Conferences Series, Publication of Bilecik Şeyh Edebali University :5, pp. 35-40., Bilecik.
3. GÖLÜKCÜ, M., TOKER, R., TOKGÖZ, H. ve ŞAHİN, A., 2012. Influence of Harvesting Time on Oil Content and Fatty Acid Composition of Pomegranate Seed. I National Pomegranate Congress. Symposiums and Conferences Series, Publication of Bilecik Şeyh Edebali University :5, pp. 141-150., Bilecik.



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▪ **OTHER PUBLICATIONS**

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

1. IŞIK, E., ŞAHİN A. ve YAZICI K., 2001. Bazı Üzümsü Meyvelerin (Frenküzümü, Ahududu, Böğürtlen ve Nar) Ekolojik Yetiştiriciliğe Uygunluğu. Türkiye 2. Ekolojik Tarım Sempozyumu. T. K. Bakanlığı Tarım 2000 Vakfı Yayını, S 286-294., Ankara. (in Turkish).
2. ŞAHİN, A. ve AŞKIN M.A., 2002. Bazı Subtropik ve Tropik Meyve Türlerinin Tanıtılması. Derim, Narenciye ve Seracılık Araştırma Enstitüsü Yayını, Cilt:19, Sayı 1 S. 20-27, Antalya. (in Turkish).
3. ŞAHİN, A., YAZICI, K., PALA, H., TATLI, A. ve ÖZTÜRK, N., 2007. Nar Yetiştiriciliği. T.C. Tarım ve Köyişleri Bakanlığı Yayın Dairesi Başkanlığı Çiftçi Eğitim Serisi, Yayın No: 2006/51., Ankara. (in Turkish).
4. ŞAHİN, A., CANIHOŞ, E., ÖZTÜRK, N. 2012. Nar Yetiştiriciliği. T.C. Gıda, Tarım ve Hayvancılık Bakanlığı Eğitim, Yayın ve Yayınlar Dairesi Başkanlığı Çiftçi Eğitim Serisi, Yayın No: 2012/51, Ankara (in Turkish).



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

1. English Course, 30 November 1998-10 June 1999, Ankara.
2. III National Horticultural Congress, 14-17 September 1999, Ankara.
3. Ecological Agriculture Course, 4-15 September 2000, İzmir.
4. Implementation of Nuclear Techniques in Agriculture Course, 16-20 December 2002, Antalya.
5. Statistics and Trial Technique Course, 16-20 February 2004, Antalya.
6. Plant Breeding Course, 26-30 April 2004, Antalya.
7. Plant Growing Techniques Course, 13-17 September 2004, Ankara.
8. IV Storage and Marketing Symposium in Horticultural Crops, 8-11 October 2008, Antalya.
9. Agriculture Workshop in Antalya, 6 September 2010, Antalya.
10. I National Pomegranate Congress, 13-15 May 2011, Bilecik.
11. IV National Symposium on Small Fruits, 03-05 October 2012, Antalya.
12. *Akdeniz TV, Agriculture Vision Program, Pomegranate Growing, 10 October 2012.*
13. Pomegranate Workshop, 24-25 November 2014, Antalya.
14. *Bereket TV, Pomegranate Growing, 12 October 2017.*
15. South Korea TV Choseon, Pomegranate Growing, 3 July 2019.
16. Pomegranate Growing Training, Gökbük/Finike, 2 September 2021.
17. Pomegranate Growing Seminar, Gazipaşa/Antalya, 21 October 2021
18. Pomegranate Growing Online Training, Antalya, 8 June 2021