



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA



Aysun ŞEHİRLİ

Agricultural Engineer

EDUCATION

- MSc**
2010-2012
Uludağ University
Faculty of Agriculture
- Bachelor's Degree**
2005-2010
Uludağ University
Faculty of Agriculture

CAREER

- 2012-2014 Engineer, Eskişehir Transitional Zone Agricultural Research Institute
- 2014- Engineer, Bursa Central Research Institute of Food and Feed Control

ABOUT ME

I was born in 1987 in Afyonkarahisar. In 2010, I graduated from Uludag University Faculty of Agriculture. I completed his master's degree at Uludag University Faculty of Agriculture between 2010-2012. I started to work at Eskişehir Transition Zone Agricultural Research Institute in 2012. After working in the phytosanitary unit for about 2 years, I transferred to Bursa Food and Feed Control Central Research Institute in 2014. He still continues to work in the same institution.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Uludağ University / Antifungal Effect of Acids Accepted as Safe Against Soil-borne Phytopathogenic Fungi and Bean Rust (*Uromyces appendiculatus*)
2. Improvement of Resistance Sources of Wheat Root and Root Rot Disease and Wheat Cyst and Lesion Nematodes
3. The Effect of Packaging Material on the Physicochemical and Sensory Properties and Shelf Life of Extra Virgin Olive Oil

▪ **Ongoing Projects**

1. Determination of Geographical Origins of Olive Oil Produced in Turkey by Metabolomics Approach
2. Determination of Quality Parameters and Some Functional Properties of Royal Jelly Obtained from Different Regions and Investigation of Storage Criteria
3. Genotype X Environmental Relationships in Sunflower (*Helianthus Annuus*); Investigation of Fatty Acid Composition, Sterol Composition and Effects on Fat Quality
4. Determination of Grass Yield and Quality and Milk Yield and Quality in Pasture-Fed Buffaloes in Bursa Region



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■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. ARSLAN U., İLHAN K., ŞEHİRLİ S. KETEN A. 2014. Journal of Pure and Applied Microbiology 8, 69-76. (Yayın No: 1901645) / Control of Phytopathogenic Fungi by Generally Recognized as Safe (GRAS) Acids.
2. ŞEHİRLİ S., KARABULUT Ö. A., İLHAN K., ŞEHİRLİ A. 2020. Use and Efficiency of Disinfectants within a Hydrocooler System for Postharvest Disease Control in Sweet Cherry. International Journal of Fruit Science, DOI:10.1080/15538362.2020.

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

1. UZUN P., AKBAŞ N., ŞEHİRLİ A., EREN O. 2019. The Effects of Different Packaging Materials on the Shelf Life of Olive Oil. 2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), June 28-29, 2019 Ankara, Turkey.
2. UZUN P., ŞEHİRLİ A., AKBAŞ N., EREN O. 2019. Comparison of quality parameters in olive oils preserved in different packaging materials. 2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), June 28-29, 2019 Ankara, Turkey.
3. AKBAŞ N., UZUN P., DEMİR S., ŞEHİRLİ A., 2018. Determination of Oxidation Stability According to the Time of Induction in Different Temperatures of Black Cumin (*Nigella Sativa* L.) 4. International Symposium of Medicinal and Aromatic Plants, 2-4 October 2018.

■ **NATIONAL ARTICLES AND PAPERS**

■ **National Papers, Seminars, etc.**

1. Uludağ University Information and R&D Days, 2, 0-0., (Publication No:1952734)/ The Effect of Ozone Gas Against Post-Harvest Diseases of Bursa Black Figs/2012.
2. Uludağ University Information and R&D Days, 2, 0-0., (Publication No:1952728)/ Disinfectants Used in Pre-Cooling System with Water in Preventing End-Harvest Diseases of Cherry Fruit and Their Effects/2012.
3. 10th Field Crops Congress, Konya / Some Proprietary Bread, Durum Wheat, Triticale, Oats and Resistance Sources of Rye Cultivars Against Grain Cyst Nematode (*Heterodera filipjevi*). Determination/ 10-13 September 2013.



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4. 10th Field Crops Congress, Konya/ Determination of Reactions of Some Wheat Genotypes Against Root and Root Rot Factor (*Fusarium culmorum*)/ Konya 10-13 September 2013
5. 10th Field Crops Congress, Konya/ Some Proprietary Bread, Durum Wheat, Triticale, Oat and Research on the Determination of Resistance Sources of Rye Varieties Against Root and Root Rot Factor (*Fusarium culmorum*) / 10-13 September 2013
6. 10. Field Crops Congress, Konya / Some Wheat Genotypes to Cereal Cyst Nematode (*Heterodera filipjevi*) Determination of Counter-Reactions/ 10-13 September 2013
7. 10th Field Crops Congress, Konya/ 2013 Some Wheat Genotypes Developed by IWWIP (International Winter Wheat Improvement Program) Against Common Plum (*Tilletia foetida* (Wallr.) Liro, *Tilletia caries* (DC) Tul.) in Eskişehir Field Conditions. Determination of Reactions, 10-13 September 2013
8. 10th Field Crops Congress, Konya / Determination of Reactions of Some Wheat Genotypes Against Common Plum (*Tilletia foetida* (Wallr.) Liro, *Tilletia caries* (D.C.) Tul.) in Eskişehir Field Conditions / 10-13 September 2013
9. 22nd National Biology Congress, Eskişehir / Gateway Zone Agricultural Research Institute Directorate Significant Wheat Occurring in the Central Anatolian Region of Proprietary Varieties Developed by Reactions to Diseases / 23-27 June 2014
10. 11th Field Crops Congress, Çanakkale/ Some Proprietary Bread and Durum Wheat Varieties Determination of Reactions Against Common Spread (*Tilletia foetida*(Wallr) Liro, *Tilletia caries*(D.C)Tul.) in Eskişehir Field Conditions / 07-10 September 2015
11. 11th Field Crops Congress, Çanakkale/ Common Wheat Genotypes (*Tilletia foetida*) (Wallr.) Liro, Determination of Reactions to *Tilletia caries* (D.C.) Tul.) in Eskişehir Field Conditions / 07-10 September 2015

▪ **OTHER PUBLICATIONS**

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

1. Effect Of Ozone Gas On Postharvest Diseases Of Bursa Brown Fig (Master Thesis)