



**TAGEM**  
R&D AND INNOVATION

BATI AKDENİZ AGRICULTURAL RESEARCH  
INSTITUTE / ANTALYA

## CEMİLE EBRU ONURSAL, PhD Agricultural Engineer

### EDUCATION

- PhD**  
2022 Suleyman Demirel University  
Faculty of Agriculture
- MSc**  
2004 Akdeniz University  
Faculty of Agriculture
- Bachelor's Degree**  
2001 Akdeniz University  
Faculty of Agriculture

**LANGUAGE** English KPDS 60


### CAREER

- 2017 – continue, Engineer, Bati Akdeniz Agricultural Research Institute - ANTALYA
- 2015 - 2017 Engineer, Fruit Research Institute – Eğirdir/ISPARTA
- 2011 – 2015 Engineer, Fruit Research Station - Eğırdir/ISPARTA
- 2008 – 2011 Engineer, Eğırdir Horticultural Research Institute - Eğırdir/ISPARTA
- 2002 – 2008 Research Assistant, Akdeniz University, Faculty of Agriculture, ANTALYA


### ABOUT ME

Batı Akdeniz Agricultural Research Institute  
Fruit Department- Researcher  
Specialty - Postharvest Physiology

### CONTACT

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# CEMİLE EBRU ONURSAL, PhD

## Agricultural Engineer



### ■ PROJECTS

1. Effects of Pre-harvest Polyamine Applications on Apricot Fruit Quality and Postharvest Physiology (2014-2017, TÜBİTAK, Project Leader).
2. Effects of Putresin and Salicylic Acid Applications on Post-Harvest Physiology in Hass Avocado Cultivar Harvested at Different Times (2019-2020, TAGEM, Project Leader).
3. Determination of Harvesting Time in Scarlet Spur 'Apple Fruit and Its Effects on Fruit Quality of Different Storage Systems (2012-2014, TAGEM, Project Leader).
4. The Effects of Pre Harvest Harvista Applications on Storage and Shelf Quality of Golden Delicious and Red Chief Apple Varieties (2015-2016, Private Sector, Project Leader).
5. Use of Controlled Atmosphere Box Technology in Pomegranate Storage (2016-2017, Private Sector, Project Leader).
6. The Effect of 1-MCP Application and Modified Atmosphere Storage on Quality during Storage of "Papaz" Plums (2015-2016, MAREM, Project Leader).
7. Effects of Postharvest Putresin, Oxalic and Salicylic Acid Applications on the Quality Change of Hicaznar Pomegranate during Normal and Modified Atmospheric Conditions during Storage (2015-2016, MAREM, Project Leader).
8. The Effects of Post-Harvest Oxalic Acid and Nitric Oxide Treatments on Storage Life and Quality of Eşme Quince Cultivar (2018-2019, TÜBİTAK, Researcher).
9. The Effects of Applying Controlled Atmosphere (CA), Dynamic Controlled Atmosphere (DCA) Conditions and 1-MCP on Storing Period and Fruit Quality of Abbe Fetel and Kieffer Pear Cultivars (2014-2015, TÜBİTAK, Researcher).
10. Fig (*Ficus carica* L.) Selection in the Western Mediterranean Region. (2000-2004, TUBITAK, Researcher).
11. Researching Alternative Methods Controls Storage Rots and Maintain Quality of 'Washington Navel' Oranges in Postharvest (2019-2020, TAGEM, Researcher).
12. Effect of Ripening Applications on Quality Components in Deveci Pear After Cold Storage (2017-2021, TAGEM, Researcher).
13. Effects of Different Pre-applications and Storage Conditions on Storage Life and Fruit Quality of 'Hicaznar' Pomegranate Cultivar (2015-2017, TAGEM, Researcher).
14. Controlled Atmosphere (CA) Expanding Storage (2012-2013, West Mediterranean Development Agency, Researcher).
15. Effects of Ripening after Cold Storage on Quality Components in 'Deveci' Pear Varieties (2017-2019, TAGEM, Researcher).
16. Effects of AVG (Aminoethoxyvinylglycine) on Pre-harvest Drop, Harvest Date and Fruit Quality in Some Apple and Pear Varieties (2012-2014, TAGEM, Researcher).
17. The Effects of Applying Ethylene and DPA and 1-MCP on postharvest Fruit Quality of Abbe Fetel and Kieffer and Dr. Jules Guyot Pear Cultivars (2013-2015, TAGEM, Researcher).
18. Determination of Appropriate Atmospheric Compositions for Controlled Atmospheric Storage of Apple Varieties Grown in Egirdir Conditions. Stage I: Starkspur Golden Delicious and Starkrimson Delicious Apple Varieties (2012-2014, TAGEM, Researcher)



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### ■ **PROJECTS**

19. Hybridization and mutation breeding to obtain new apple varieties (2011-2015, TAGEM, Researcher).
20. Effects of Water Constraint in Different Periods on Fruit Quality Yield and Storage Time in M9 Root Braeburn Apple Variety (2012-2013, TAGEM, Researcher).
21. Determination of Chemical Composition of Erwinia amylovora resistant breeding with hybridization of pear genotypes (2016-2018, TAGEM, Researcher).
22. Effect of Postharvest Treatment 'SencyFresh' Fruit Quality and Storage Period for apples cv. Granny Smith and Gala (2013-2014, Private Sector, Researcher).
23. The effect on preharvest fruit drop and quality of HARVISTA 1.3 SC as plant growth regulator treatment in apple cv. Braeburn (2014-2016, Private Sector, Researcher).
24. The Effects of Postharvest MAHAAN Applications on Storage and Shelf Qualities of Starking Delicious and Granny Smith Apple Varieties (2015-2016, Private Sector, Researcher).
25. Effects of Smartfresh Protabs and Ripelock Products on Quality Changes During Cold Storage of Hicaznar Fruit (2016, Private Sector, Researcher).
26. The Effects of Different Packaging Applications on Shelf Life of Foxtail Lily (Eremurus Spectabilis bieb) (2016, MAREM, Researcher).
27. Atmosphere Controlled Box Use in Apple Storage (2016-2017, Private Sector, Researcher).
28. Activity of Janny MT Box in Cherry Storage (2016, Private Sector, Researcher).
29. Determination of Optimum Harvest Date of Dr Jules Guyot, Kieffer and Abbe Fetel Pear Varieties (2012-2013, MAREM, Researcher).
30. Storing Can Plums Under Controlled Atmosphere Conditions (2015-2016, MAREM, Researcher).
31. Determining the Harvest Date of Some of Pear Species. (2015-2016, MAREM, Researcher)



# CEMİLE EBRU ONURSAL, PhD

## Agricultural Engineer



### ■ **PUBLICATIONS**

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

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

1. ONURSAL, C. E. & Koyuncu, M. A., 2021. Role of Controlled Atmosphere, Ultra Low Oxygen or Dynamic Controlled Atmosphere Conditions on Quality Characteristics of 'Scarlet Spur' Apple Fruit . Journal of Agricultural Sciences, 27 (3): 267-275.
2. Babalık, Z., ONURSAL, C.E., Erbaş, D., Koyuncu, M.A., 2020. Use of Carvacrol Helps Maintain Postharvest Quality of Red Globe Table Grape. The Journal of Animal & Plant Sciences, 30(3): 655-662.
3. Sevinç Üzümcü, S., Koyuncu, M.A., ONURSAL, C.E., Güneyli, A., Erbaş, D., 2020. Effect of Pre-Harvest Oxalic Acid Treatment on Shelf-life of Apricot cv.'Roxana'. Nevsehir Journal of Science and Technology, 9(1): 73-80.
4. Koyuncu, M.A., Erbaş, D., ONURSAL, C.E., Seçmen, T., Güneyli, A., Sevinç Üzümcü, S., 2019. Postharvest Treatments of Salicylic Acid, Oxalic Acid and Putrescine Influences Bioactive Compounds and Quality of Pomegranate During Controlled Atmosphere Storage. Journal of Food Science and Technology, 56(1): 350-359.
5. Koyuncu, M.A., Güneyli, A., Erbaş, D., ONURSAL, C.E., Seçmen, T. 2018. Combined Effects of MAP and Postharvest Salicylic Acid Treatment on Quality Attributes of Dill (*Anethum graveolens* L.) Bunches During Storage. Journal of Agricultural Sciences, 24(3): 340-348.
6. Koyuncu, M.A., Seçmen, T., ONURSAL, C.E., Erbaş, D., Güneyli, A., Sevinç Üzümcü, S., Koyuncu, F., 2018. Effect of Postharvest Oxalic Acid Treatment on Cold Storage of Apricot cv. 'Aprikoz'. Scientific Papers. Series B Horticulture, Vol. LXII: 147-152.
7. Güneyli, A., Koyuncu, M.A., ONURSAL, C.E., Erbaş, D., Çetinbaş, M., Butar, S., Koyuncu, F., 2018. Effects of Preharvest Retain Treatments with MAP on Cold Storage Quality of Sweet Cherry cv. 0900 Ziraat. Scientific Papers. Series B Horticulture, Vol. LXII: 153-158.
8. Dilmaçunal, T., Erbaş, D., Koyuncu, M.A., ONURSAL, C.E., Kuleaşan, H., 2014. Efficacy of Some Antimicrobial Treatments Compared to Sodium Hypochlorite on Physical, Physiological and Microbial Quality of Fresh-Cut Melons (*Cucumis melo* L. var. *inodorus*). LWT- Food Science and Technology, 59(2): 1146-1151.
9. Çalhan, Ö., ONURSAL, C.E., Güneyli, A., Eren, İ., Demirtaş, İ., 2014. Determination of Optimum Harvest Date of Sweet Cherry Cv. Lapins Grown in Isparta. Turkish Journal of Agricultural and Natural Sciences, Special Issue, 2: 1905-1910.
10. Çetinbaş, M., Butar, S., ONURSAL, C.E., Koyuncu, M.A., 2012. The effects of pre-harvest ReTain [aminoethoxyvinylglycine (AVG)] Application on Quality Change of 'Monroe' Peach During Normal and Controlled Atmosphere Storage. Scientia Horticulturae, 147: 1-7.
11. Gözlekçi, S., Saraçoğlu, O., ONURSAL, C.E., Özgen, M., 2011. Total Phenolic Distribution of Juice, Peel and Seed Extracts of Four Pomegranate Cultivars. Pharmacognosy Magazine, 7(26): 161-164



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### International Papers, Seminars, etc.

1. ONURSAL, C.E., 2022. Effects Of Post-Harvest Salicylic Acid Application On Shelf Life Quality After Cold Storage Of Fuerte Avocado Variety. 9 th International Conference On Agriculture, Animal Sciences And Rural Development March 19-20, 2022, Burdur, Turkey
2. Çalhan, Ö., ONURSAL, C.E., Güneşli, A., Eren, İ., Koyuncu, M.A., 2016. Effects of Different Storage Techniques and 1-MCP Application on Quality of 'Granny Smith' Apple. *Acta Horticulturae*, 1120: 123-130. XXIX International Horticultural Congress on Horticulture: Sustaining Lives, Livelihoods and Landscapes, 17 Ağustos 2014, Brisbane Australia.
3. ONURSAL, C.E., Bayındır, D., Celepaksoy, F., Koyuncu, M.A., 2015. Combined Effects of Map and Postharvest Putrescine Treatment on Storage Life and Quality of 'Alyanak' Apricot. *Acta Horticulturae*, 1071:165-172. XI International Controlled and Modified Atmosphere Research Conference, 3-7 June 2013, Trani, Italy.
4. Çalhan, Ö., ONURSAL, C.E., Güneşli, A., Eren, İ., 2015. Effect of Harvest Date on Postharvest Quality of Sweet Cherry cv. Kordia During MAP Storage. *Acta Horticulturae*, 1071: 667-674. XI International Controlled and Modified Atmosphere Research Conference, 3-7 June 2013, Trani, Italy.
5. Eren, İ., Çalhan, Ö., ONURSAL, C.E., Güneşli, A., 2015. Effects of Controlled Atmosphere, Dynamic Controlled Atmosphere and 1-Mcp On Quality of 'Granny Smith' Apples. *Acta Horticulturae*, 1071: 495-502. XI International Controlled and Modified Atmosphere Research Conference, 3-7 June 2013, Trani, Italy.
6. Güneşli, A., Eren, İ., ONURSAL, C.E., Çalhan, Ö., Öztürk, G., 2015. Determining the Harvest Date of Abbe Fetel and Kieffer Pear in the Lake District of Türkiye. *Acta Horticulturae*, 1094: 197-204. XI International Controlled and Modified Atmosphere Research Conference, 3-7 June 2013, Trani, Italy.
7. ONURSAL, C.E., Eren, İ., Güneşli, A., Topcu, T., Çalhan, Ö., Bayındır, D., 2014. Effect of Carvacrol on Microbial Activity and Storage Quality of Fresh-cut 'Braeburn' Apple. *Acta Horticulturae*, 1053: 215-221. II International Symposium on Discovery and Development of Innovative Strategies for Postharvest Disease Management, 28 April 2013, Kuşadası, Türkiye.
8. Bayındır, D., Dilmaçunal, T., Koyuncu, M.A., ONURSAL, C.E., 2013. Effects of Dipping Treatments on The Fruit Quality of Fresh-Cut 'Pink Lady' Apples During Cold Storage. *Acta Horticulturae*, 1012(3): 1057-1063. VII International Postharvest Symposium, 25 June 2012, Kuala Lumpur, Malaysia.
9. ONURSAL, C.E., Gozlekci, S., Erkan, M., Karasahin, İ., 2009. The Effects of UV-C and Hot Water Treatments on Total Phenolic Compounds of Juice, Peel and Seed Extracts of Pomegranate (*Punica granatum L.*). *Acta Horticulturae*, 877: 1505-1510. VI International Postharvest Symposium, 8 April 2009, Antalya, Türkiye.
10. ONURSAL, C.E., Seçmen, T., Sevinç Üzümcü, S., Erbaş, D., Güneşli, A., Koyuncu, M.A., 2018. Prolonging Postharvest Life of Apricots By Preharvest Polyamine Treatments. International Conference on Agriculture, Forest, Food Science and Technologies, 2-5 April 2018, Çeşme-İzmir, Türkiye.
11. Seçmen, T., ONURSAL, C.E., Güneşli, A., Sevinç Üzümcü, S., Erbaş, D., Koyuncu, M.A., 2018. Effect of Postharvest Oxalic Acid Treatments on Some Biochemical Properties of Apricot cv. Aprikoz During Cold Storage. International Conference on Agriculture, Forest, Food Science and Technologies, 2-5 April 2018, Çeşme-İzmir, Türkiye.
12. Secmen, T., Güneşli, A., ONURSAL, C.E., Koyuncu, M.A., Erbaş, D., Üzümcü Sevinç, S., 2017. The Use of Different Controlled Atmosphere and 1-Methylcyclopropene Combinations in Pear Storage. VI. Postharvest Unlimited International Conference 17-20 October 2017, Madrid, Spain.
13. Güneşli, A., ONURSAL, C.E., Secmen, T., Üzümcü Sevinç, S., Koyuncu, M.A., 2017. The Use of Janny MT Box in Cherry Storage. 10th International FRUTIC Symposium Quality and Safety of Fresh Horticultural Commodities, 7-9 February 2017, Berlin, Germany.



**CEMİLE EBRU ONURSAL, PhD**  
Agricultural Engineer



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

14. ONURSAL, C.E., 2022. Effects Of Post-Harvest Salicylic Acid Application On Shelf Life Quality After Cold Storage Of Fuerte Avocado Variety. 9 th International Conference On Agriculture, Animal Sciences And Rural Development March 19-20, 2022, Burdur, Turkey
15. Secmen, T., Güneyli, A., ONURSAL, C.E., Erbaş, D., Koyuncu, M.A., 2017. The Effect Of Controlled And Dynamic Controlled Atmosphere Storage On The L- Ascorbic Acid Content And Sugar Profile Of Abbe Fetel Pear. XII International Controlled & Modified Atmosphere Research Conference (CAMA) 18 -22 June, 2017, Warsaw, Poland.
16. ONURSAL, C.E., Erbaş, D., Secmen, T., Güneyli, A., 2017. Effects of pre- and post-harvest 1-methylcyclopropene (1-MCP) treatments on storage and shelf life of Starkrimson Delicious apple variety. 2nd International Balkan Agriculture Congress, 16-18 May, 2017, Tekirdağ, Türkiye.
17. Secmen, T., ONURSAL, C.E., Güneyli, A., 2017. The effects of Postharvest Salicylic Acid Treatments on Vitamin C and Sugar Content of Dr.Jules Guyot Pear Cultivar. 2nd International Balkan Agriculture Congress, 16-18 May, 2017, Tekirdağ, Türkiye.
18. Güneyli, A., ONURSAL, C.E., Secmen, T., 2017. The effects of ethylene applications after cold storage on "Abbe Fetel" type pears exposed to 1-MCP in differing doses following the harvest. 2nd International Balkan Agriculture Congress, 16-18 May, 2017, Tekirdağ, Türkiye.
19. Secmen, T., ONURSAL, C.E., Güneyli, A., Erbaş, D., 2017. Physical and Biochemical Changes of Sorrel (*Rumex acetosella* L.) Plant Preserved Under Different Temperature Conditions. International Symposium on Biodiversity and Edible Wild Species, 3-5 April 2017, Antalya, Türkiye.
20. Güneyli, A., ONURSAL, C.E., Secmen, T., Tuğrul Ay, S., Çınar, A., Üzümcü Sevinç, S., 2017. Influence of Different Packaging and Temperature on Quality of Foxtail Lily (*Eremurus spectabilis* bieb.) During Shelf Life. International Symposium on Biodiversity and Edible Wild Species, 3-5 April 2017, Antalya, Türkiye.
21. Secmen, T., ONURSAL, C.E., Güneyli, A., Erbaş, D., 2017. Biochemical Changes of Mint (*Mentha piperita* L.) During Postharvest Storage at Different Temperatures. Advances in Lamiaceae Science Symposium, 26-29 April 2017, Antalya, Türkiye.
22. Koyuncu, M.A., ONURSAL, C.E., Çetinbaş, M., Butar, S., Erbaş, D. 2018. Effects of Pre-harvest Aminoethoxyvinylglycine (AVG) Treatment on Storage Life and Quality of Apple cv. Golden Delicious. *Acta Horticulturae*, 1194: 59-66. VIII International Postharvest Symposium, 21-24 June 2016, Cartagena, Spain.
23. Erbaş, D., Koyuncu, M.A., ONURSAL, C.E. 2018. Effects of Pre- and Postharvest Spermidine Treatments on Storage Life and Quality of Apricot cv. Aprikoz. *Acta Horticulturae*, 1194: 785-792. VIII International Postharvest Symposium, 21-24 June 2016, Cartagena, Spain.
24. Eren, İ., Çalhan, Ö., ONURSAL, C.E., Güneyli, A., Seçmen, T., Akol, S., 2015. Determination of Optimum O<sub>2</sub> or CO<sub>2</sub> for Apple cv. Starkrimson Delicious Under Controlled Atmosphere Storage. 6. International Scientific Agricultural Symposium, 15-18 October 2015, Jahorina.
25. Çalhan, Ö., Eren, İ., Seçmen T., Güneyli, A., ONURSAL, C.E., Koyuncu, M.A., 2015. Determination of Storage and Shelf Life Quality of Jeromine Apple Variety Grown in the Isparta. 6. International Scientific Agricultural Symposium, 15-18 October 2015, Jahorina.
26. Eren, İ., Çalhan, Ö., ONURSAL, C.E., 2014. Postharvest Practices of Apples and Cherries in Türkiye. New Approaches in Apple and Cherry Growing and Breeding Techniques Workshop, 22-24 Mayıs 2014, Adana, Türkiye.





# CEMİLE EBRU ONURSAL, PhD

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### ▪ NATIONAL ARTICLES AND PAPERS

#### ▪ Articles Published in National Journals

1. Erbaş, D., Koyuncu, M.A, Özüsoy, F., ONURSAL, C.E., 2018. Effects Of Pre-Harvest Putrescine Treatment on Fruit Quality of Sweet Cherry Cv. 0900 Ziraat. Akademik Journal of Agriculture, 7(2):151-156.
2. Koyuncu, M.A., Erbaş, D., ONURSAL, C.E., Özüsoy, F., 2018. Effects of Pre-Harvest Putrescine Treatments on Cold Storage Life and Quality of Sweet Cherry cv. 0900 Ziraat. Ege Journal of Agricultural Research, 55(3): 271-279.
3. ONURSAL, C.E., Küçükymuk, C., Çalhan, Ö., Eren, İ., Güneyli, A., Seçmen, T., 2016. Effects of Transition From Flood Irrigation to Drip Irrigation Method on Storage of Starkrimson Delicious Apple Variety. Journal of Nevşehir Science and Technology Special Issue, 199-207.
4. ONURSAL, C.E., Güneyli, A., Seçmen, T., Eren, İ., Koyuncu, M.A., Erbaş, D., 2016. The Effects of Postharvest Salicylic Acid Treatment on Storage and Shelf Life Quality of Dr. Jules Guyot Pear Cultivar. Bahçe Special Issue, 45(1): 188-193.
5. Erbaş, D., ONURSAL, C.E., Koyuncu, M.A., 2016. Effects of Postharvest Salicylic Acid Treatments on Quality Changes of Aprikoz Apricot During Storage at Room Conditions. Bahçe Special Issue, 45 (1): 613-616.
6. Güneyli, A., ONURSAL, C.E., Seçmen, T., Eren, İ., Çalhan, Ö., 2016. Effects of Postharvest SencyFresh™ Treatments on Cold Storage of Granny Smith Apple Cultivar Bahçe Special Issue, 45 (1): 812-816.
7. Çalhan, Ö., ONURSAL, C.E., Seçmen, T., Güneyli, A., Eren, İ., 2016. The Effect of Pre-storage SencyFresh™ Treatment on Fruit Quality at After Storage in Apple cv. Galaxy Gala. Journal of Ege University Agricultural Faculty, 53(1): 51-60.
8. Eren, İ., ONURSAL, C.E., Çalhan, Ö., Seçmen, T., Güneyli, A., Akol, S., 2016. Determination of Optimum Controlled Atmosphere Gas Composition for Starkspur Golden Delicious Apple Cultivar Grown in Egridir Conditions. Bahçe Special Issue, 45 (1): 148-154.
9. Çalhan, Ö., Seçmen, T., Güneyli, A., ONURSAL, C.E., Eren, İ., 2016. Effect of Different Storage Techniques on Total Phenol and Antioxidant Activity in Apple cv. Granny Smith. Bahçe Special Issue, 45(1): 1181-1186.
10. ONURSAL, C.E., Erbaş, D., Koyuncu, M.A., 2015. The Effects of Different Gas Compositions on the Storage Quality of Pink Lady Apple Grown in Egridir. Süleyman Demirel University Journal of Graduate School of Natural and Applied Science, 19(2): 179-183.
11. Seçmen, T., ONURSAL, C.E., Küçükymuk, C., Eren, İ., Güneyli, A., Çalhan, Ö., 2015. Effects of Different Deficit Irrigation Strategies on Phenolic Compounds of Braeburn Apples During Postharvest Storage. Fruit Science, 2(2): 16-21.
12. Erbaş, D., ONURSAL, C.E., Koyuncu, M.A., 2015. Effect of Postharvest Salicylic Acid Treatments on Cold Storage of Apricot cv. Aprikoz. Fruit Science, 2(2): 50-57.
13. ONURSAL, C.E., Çalhan, Ö., Eren, İ., Çetinbaş, M., Butar, S., Demirtaş, İ., 2013. Effects of Preharvest Aminoethoxyvinylglycine (AVG) Treatments On Cold Storage And Shelf Life Quality Of 0900 Ziraat Sweet Cherry Cultivar. Research Journal of Agricultural Sciences, 6(1): 91-96.
14. Çalhan, Ö., Eren, İ., ONURSAL, C.E., Güneyli, A., Emre, M., Öztürk, F.P., 2013. Effects of 1-MCP (Smartfresh™) Applications in Antalya District Apples. Research Journal of Agricultural Sciences, 6(1): 21-25.



# CEMİLE EBRU ONURSAL, PhD

## Agricultural Engineer



### ▪ National Papers, Seminars, etc.

1. Çalhan, Ö., Güneyli, A., ONURSAL, C.E., Eren, İ., 2014. Current Situation of Fruit Packaging houses in Isparta Province. VI. National Storage and Marketing of Horticultural Products Symposium, 22-25 September 2014, Bursa, Turkey. Bahçe Bilimi (5): 346-351.
2. Güneyli, A., Eren, İ., ONURSAL, C.E., Çalhan, Ö., 2014. Effects of Preharvest Vitormone Treatments on Storage and Shelf Life of Braeburn Apple VI. National Storage and Marketing of Horticultural Products Symposium, 22-25 September 2014, Bursa, Turkey. Bahçe Bilimi (5): 261-267.
3. Erbaş, D., ONURSAL, C.E., Babalık, Z., Koyuncu, M.A., 2014. The Use of Salicylic Acid in Cold Storage of Table Grape. VI. National Storage and Marketing of Horticultural Products Symposium, 22-25 September 2014, Bursa, Turkey. Bahçe Bilimi (5): 22-31.
4. ONURSAL, C.E., Çalhan, Ö., Ay, Z., Eren, İ., Güneyli, A., Küçükyumuk, C., 2012. . Effect of Deficit Irrigation and Partial Root Zone Drying on Cold Storage of Starking Delicious Apple Cultivar. V National Storage and Marketing of Horticultural Products Symposium, 18-21 September 2012, İzmir, Turkey. Bahçe Bilimi (3): 39-46.
5. ONURSAL, C.E., Butar, S., Eren, İ., Güneyli, A., Çalhan, Ö., Koyuncu, M.A., 2012. The Effects of Preharvest Aminoethoxyvinylglycine (AVG) Treatments on Shelf Life Quality Changes of Akça Pear Cultivar. . V National Storage and Marketing of Horticultural Products Symposium, 18-21 September 2012, İzmir, Turkey. Bahçe Bilimi (3): 221-227.
6. Bayındır, D., ONURSAL, C.E., Celepaksoy, P., Koyuncu, M.A., Koyuncu, F., 2012. The Effect of Postharvest Putrescine Treatment on Storage Life and Quality of 'Aprikoz' Apricot. . V National Storage and Marketing of Horticultural Products Symposium, 18-21 September 2012, İzmir, Turkey. Bahçe Bilimi (3): 107-114.
7. Güneyli, A., Eren, İ., ONURSAL, C.E., Çalhan, Ö., Demirtaş, İ., 2012. Effects of Preharvest Vitormone Treatments on Storage and Shelf Life of 0900 Ziraat Sweet Cherry Cultivar. . V National Storage and Marketing of Horticultural Products Symposium, 18-21 September 2012, İzmir, Turkey. Bahçe Bilimi (3): 213-220.
8. Çalhan, Ö., Eren, İ., ONURSAL, C.E., Güneyli, A., 2012. The Effects of DCA Storage on "Granny Smith" Apple Fruit. . V National Storage and Marketing of Horticultural Products Symposium, 18-21 September 2012, İzmir, Turkey. Bahçe Bilimi (3): 145-152.
9. Eren, İ., Çalhan, Ö., Güneyli, A., ONURSAL, C.E., Karamürsel, D., Karamürsel, Ö.F., 2012. The Use of 1-MCP (SmartFresh™) for the Apples Growing the Province of Kayseri. . V National Storage and Marketing of Horticultural Products Symposium, 18-21 September 2012, İzmir, Turkey. Bahçe Bilimi (3): 279-284.
10. Çalhan, Ö., Eren, İ., ONURSAL, C.E., Güneyli, A., İlban, B., 2011. Effect of Postharvest Fruit Quality of Different Calcium Applications on Skyline Supreme and Lutz Golden Apple Varieties. VI. National Horticulture Congress, 4-8 October 2011, Şanlıurfa, Turkey. (2): 678-686.





# CEMİLE EBRU ONURSAL, PhD

## Agricultural Engineer



### ▪ **OTHER PUBLICATIONS**

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

Determination of Harvest Date and Effect of Different Storage Systems on Fruit Quality of “Scarlet Spur” Apple Cultivar (Ph.D. Thesis)

Güneyli, A., ONURSAL, C.E., 2014. Harvest Criteria for Mild Climate Fruits, Fruit Research Institute Publications, Publication No:59

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

1. Postharvest Technology Short Course for Enterprises in Developing & Emerging Economies
2. 6th European Short-Course on Fresh-Cut Produce Processing: Nutritional Quality & Health Benefits
3. Horizon 2020 Project Training
4. Statistics and Trial Techniques
5. International Conference on Agriculture, Forest, Food Science and Technologies, 2018, Çeşme-İzmir, Turkey.
6. 2nd International Balkan Agriculture Congress, 2017, Tekirdağ, Turkey.
7. VII. Storage and Marketing Symposium of Horticultural Crops, 2016 (Symposium Secretariat) Eğirdir-Isparta, Turkey.
8. 2nd International Congress of Agriculture Food and Gastronomy, 2015, Antalya, Turkey.
9. 2nd Central Anatolia Region Agriculture and Food Congress, 2015, Nevşehir, Turkey.
10. XI International Controlled and Modified Atmosphere Research Conference, 2013, Trani, Italy.
11. 2nd International Symposium on Discovery and Development of Innovative Strategies for Postharvest Disease Management, 2013, Kuşadası, Turkey.
12. Workshop on Cooling Storage and Transportation Technologies, 2013, Nevşehir, Turkey.
13. V. Storage and Marketing Symposium of Horticultural Crops, 2012, İzmir, Turkey.
14. Agriculture Symposium, 2012, Çankırı, Turkey.
15. Turkey VI. National Horticultural Congress, 2011, Şanlıurfa, Turkey.
16. VI. Int. Postharvest Symposium, 2009, Antalya, Turkey.
17. 10th Controlled and Modified Atmosphere Research Conference, 2009, Antalya, Turkey.
18. IV. Storage and Marketing Symposium of Horticultural Crops, 2008, Antalya, Turkey.
19. Innovative Approaches to Reducing Post-Harvest Losses in the Food Chain” Project Kickoff Launch. 15-17 January 2018, BURSA
20. Avocado Workshop, 17 December 2021, Antalya, Turkey.