


PERSONAL INFORMATIONS		
Name Surname	Dr. Rana KURUM	
Title	Agricultural Engineer	
Phone	0.242.3216797	
E-mail	rana.kurum@ tarim.gov.tr	
Birth place- date	Antalya-1976	

EDUCATION INFORMATION	
Doctorate	
Name of University	Süleyman Demirel University
Academic Unit/ Date	Department of Horticulture/2010
Graduate	
Name of University	Akdeniz University
Academic Unit/ Date	Department of Horticulture/2001
License	
Name of University	Akdeniz University
Academic Unit/ Date	Department of Horticulture/1997

FOREIGN LANGUAGE				
Foreign Language / Degree	YDS (KPDS)	ÜDS	TOEFL	IELTS
English/intermediate		57.5		

JOB LOCATIONS		
Date	Title	Institution
1997-2001	Research assistant	Akdeniz University /Faculty of Agriculture Department of Horticulture
2001-2004	Agricultural Engineer	Citrus and Greenhouse Research Institute
2004-	Agricultural Engineer	Bati Akdeniz Agricultural Research Institute

PROJECTS

1. Breeding of F₁ Hybrid Cucumber Varieties for Protected Cultivation (Project Leader, 2004-2009) (Financial support; The State Planning Organization-2004K120170, TURKEY)
2. Tolerant to Low Temperature Qualified Lines in Cucumber (Researcher, Financial support; General Directorate of Agricultural Research and Policies (GDAR), TURKEY, Researcher)
3. Breeding of F₁ Hybrid Watermelon Varieties. (Project Leader, Financial support; General Directorate of Agricultural Research and Policies (GDAR), TURKEY, Researcher).
4. Genetic Characterization of *Pseudoperonospora cubensis* (Researcher, Financial support; General Directorate of Agricultural Research and Policies (GDAR), TURKEY, Researcher).
5. Breeding of rootstock in cucumber (Project Leader, Financial support; General Directorate of Agricultural Research and Policies (GDAR), TURKEY).
6. Improvement of F1 Hybrid Vegetable Varieties and Qualified Lines Project in Turkey. (Tubitak, Researcher).
7. Breeding of F₁ Hybrid Melon Varieties for Protected Cultivation(Financial support; The State Planning Organization-2004K120170, TURKEY, Researcher).
8. Molecular and Morphological Characterization of Local green bean populations and Determination of Salinity Tolerance Levels Collected from the Western Mediterranean Region (BAP-Akdeniz University, Researcher)
9. Improvement of Qualified Genitors for Melon Breeding Programs and Seed Technology (Researcher) (Financial support; General Directorate of Agricultural Research and Policies (GDAR), TURKEY, Researcher)
10. Mapping of Resistance Genes to Races 1, 2 and 5 of *Podosphaera xanthii* in PMR6 Using RIL Population and Development of new Resistant Melon Varieties in Turkey. (2017-2020 Researcher Tubitak 1001).

PAPERS

Papers of pressed international journal (refereed)

1. Ercan, N., **Kurum (Ertok), R.** 2003. Plant, Flower, Fruit and Seed Characteristics of Five Generation Inbred Summer Squash Lines(*Cucurbita pepo L.*) Pak. J. Bot. 35(2):237-241.
2. Aydinsakir, K., Ulukapi, K., **Kurum, R.**, Buyuktas, D. 2013.The Effects of Different Salt Source and Concentrations on Seed Germination and Seedling Growth of Pumpkin Varieties Used as Rootstock. Journal of Food Agriculture &Environment 11(1): 503-510.
3. **Kurum, R.**, Ulukapi, K., Aydinşakir, K., Onus, A.N. 2013. The Influence of Salinity on Seedling Growth of Some Pumpkin Varieties used as Rootstock. Not Bot Horti Agrobi, 2013, 41(1):219-225.

Papers of pressed national journal (refereed)

1. **Kurum, R.**, Samancı, N. 1998. F1 Hybrid Seed Production in Summer Squash. Derim Dergisi, 16(2):66-77.
2. **Ertok (Kurum), R.**, Padem, H. 2007. Grafting Physiologies in Vegetables. Derim Journal, 24(2):20-26.
3. Tepe, A., **Ertok (Kurum), R.**, Yilmaz, M. 2008. Determination of Salt Tolerance for Some Cucumber (*Cucumis sativus L.*) Genotypes in Seedling Stage. Derim Journal 25(2):35-43.
4. . Ünlü, M., **Ertok (Kurum), R.**, Fırat, A.F. 2009. Determine the Rootstock Potential of Two Melon Pure Line Resistant Against *Fusarium oxysporum* f.sp. melonis. Derim Journal 26(2): 20-29.
5. Ünlü, M., **Kurum, R.**, Polat, İ., Ünlü, A., Sülü, G. 2014. Determination of Resistances to *Fusarium oxysporum* f. sp. *melonis* by Using Molecular Method and Yield Performances of Hybrid Candidates Developed in Melon Breeding Program. Derim Journal 31(2): 1-10.
6. Aydinşakir, K., Ulukapi, K., **Kurum, R.**, Tetik, N., Kulcan, A. 2015. The Effects of Different Salt Concentrations on Growth and Chlorophyll Content of Some Pumpkin Rootstocks. Derim Journal 37(2):187-200.
7. Ünlü, M., **Kurum, R.**, Ünlü, A. 2017. Evaluation of Melon (*C.melo* ssp. *melo*) Hybrids in Terms of Yield and Fruit Characteristics for Protected Cultivation. Academic Journal of Agriculture 6: 121-126.
8. **Kurum, R.**, Çelik, İ., Eren, A. 2017. Effects of rootstocks on fruit yield and some quality traits of watermelon. Derim Journal 34(2):91-98.

Papers of presented international symposium

1. **Ertok (Kurum) R.**, Ertok, U.2008. Seedling Firms and Their Development in Antalya. Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate. 6-11 April 2008, Antalya.

2. Yılmaz, M., **Ertok (Kurum) R.**, Gözen, V. 2008. Cultivation of Cucumber (*Cucumis sativus* L.) in Turkey. International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climates, 6-11 April, Antalya, TURKEY s:188.

3 .**Ertok (Kurum) R.**, Ünlü, M., Fırat, A., Özkan, C. 2009. Effects of Grafted Seedling on Plant Growth and Nutritional Status of Melon Growing in Greenhouse. First International Symposium on Sustainable Development. s.67.

4. **Kurum, R.**, Ulukapı, K., Aydınşakir, K., Tetik, N., Onus, N. 2011. The Influence of Salinity on Seedling Growth of Some Pumpkin Seeds Used as Rootstock. International Symposium on Vegetable Grafting 3-5 Ekim 2011.

5. Yılmaz, M., Ünlü, A., Ünlü, M., Gözen, V., Aras, V., **Ertok (Kurum) R.**, İçöz, S.M. 2012. Evaluation of Some Native Cucurbits (Watermelon, Melon and Cucumber) for Resistance to *Acidovorax avenae* subsp. *citrulli* in Turkey. X.Eucarpia International Meeting on Cucurbitaceae 2012. p:797.

6. Polat, I., **Kurum, R.**, Baysal, O., Cohen, Y., Lebeda, A. 2012. Genetic Characterization of Isolates of *Pseudoperonospora cubensis* Causing Downy Mildew in Different Countries Using Molecular Markers X.Eucarpia International Meeting on Cucurbitaceae. p:767.

7. **Kurum, R.**, Ünlü, A., Oğuz, A., Çelik, İ. 2012. Some Morphological and Fruit Parameters of Pumpkin Genotypes. X.Eucarpia International Meeting on Cucurbitaceae. p:718-722.

8. Gözen, V., Tepe, A., **Kurum, R.** 2012. A New Approach of Investigating Low Temperature Stress in Cucumber (*Cucumis sativus* L.) Lines by Using SPAD-0 in Unheated Greenhouse Conditions. X.Eucarpia International Meeting on Cucurbitaceae. p:579-584.

9. Çelik, I., Yılmaz, S., **Kurum, R.** 2012. Effect of Grafting and Soil Solarization on Melon Production in Greenhouse. X.Eucarpia International Meeting on Cucurbitaceae. p:406-414.

10. Ünlü, M., Ünlü, A., **Kurum, R.** 2013. Development of Qualified Melon Lines According to Powdery Mildew. International Plant Breeding Congress 10-14 November 2013, p:501.

11. Ünlü, A., Gözen, V., Kabaş, A., Özalp, R., Boyacı, F., Ünlü, M., Oğuz, A., Çelik, İ., Tepe, A., Zengin, S., Topçu, V., Köksal, Y., Çelik, N., Öten, M., **Kurum, R.**, Keskin, L., Demirtaş, I., Öktüren, F., Polat, İ., Gümrükçü, E., Tokgöz, H., Gölükçü, M., Tekşam, İ., 2013. Improvement of F1 Hybrid Vegetable Varieties and Qualified Lines Project in Turkey, International Plant Breeding Congress 10-14 November 2013. p:486.

Papers of presented national symposium

1. Boyacı, HF, Biner, B., **Kurum, R.**, Ercan, N., Akıllı, M. 1998. Production of Pepino (*Solanum muricatum* Ait.) by in Vitro Techniques. 2nd National Vegetable Cultivation Symposium, 28-30 September, Tokat/Turkey, 140-144. (In Turkish)

2. Biner, B., Boyacı, HF., **Kurum, R.**, Özdemir, F., Ercan, N. 1998. Physalis: A New Vegetable from the Solanaceae Family. 2nd National Vegetable Cultivation Symposium, 28-30 September, Tokat/Turkey, 152-156. (In Turkish)
3. Ercan, N., **Kurum, R.**, Boyacı, HF., Biner, B. 1998. Determination of Suitable Bud Stage for Anther Culture Studies by the Staining Method. 2nd National Vegetable Cultivation Symposium, 28-30 September, Tokat/Turkey, 157-162. (In Turkish)
4. Ercan, N., **Kurum, R.**, Boyacı, F. 1999. The Effects of Bumble Bee on Yield and Quality of Pepper Grown under Protected Cultivation. Turkey 1st Ecological Agriculture Symposium, 21-23 June, İzmir/Turkey, 264-272. (In Turkish)
5. Ayar, F., **Kurum, R.**, Ercan, N., Onus, N., Polat, E.2000. Different Temperature, Media and Cutting Application Effects on Anther Culture in Broccoli for Obtained Haploid Plants. 3rd National Vegetable Cultivation Symposium, 11-13 September, Isparta/Turkey.
6. Ayar, F., Ercan, N., **Kurum, R.** 2001. Determination of Salad and Lettuce Genotypes Suitable for Spring Season for Antalya Region. Gap 2nd Agriculture Congress, 24-26 October, Şanlıurfa/Turkey.
7. Ünlü, H., **Ertok (Kurum) R.**, Padem, H. 2004. Zeolite Uses in Tomato Seedling Production. 5th National Vegetable Cultivation Symposium, 21-24 September, Çanakkale/Turkey.
8. Özalp, R., Boyacı, F.; Kabaş, A., Ünlü, M. **Ertok (Kurum) R.**, Tepe, A., Oğuz, A., Zengin, S., Gözen, V., Yılmaz, Y., Çelik, İ., Coşkun, A., Coşkun, R., Dündar, M., Topçu, V., Eren, A., Köksal, Y., Ekiz, H.2008. Improvement of F1 Hybrid Vegetable Varieties and Qualified Lines Project in Batem.3rd Seed Congress 25-28 June, Kapadokya/Turkey.94-97.
9. Coşkun, A., **Ertok (Kurum) R.**, Çelik, İ. 2008. Volume and Price Movements of Some Vegetables in Antalya Region. 7th National Vegetable Symposium, 26-29 August, Yalova/Turkey.
10. Özalp, R., Boyacı, F.; Kabaş, A., Ünlü, M., **Ertok (Kurum) R.**, Tepe, A., Oğuz, A., Çelik, İ., Gözen, V., Zengin, S., Coşkun, A., Yılmaz, M., Çelik, İ., Coşkun, R., Eren, A., Dündar, M., Topçu, V., Köksal, Y., Yılmaz, S., Ekiz, H.2008. Improvement of F1 Hybrid Vegetable Varieties and Qualified Lines in Batem's breeding studies. (2004-2009), 23-26th June 8th National Vegetable Symposium p:327-333.
11. Gözen, V., Çelik, N., Tepe, A., **Kurum, R.**, Yılmaz, M. 2010. Biotic-Abiotic Stress Studies in Cucumber(*Cucumis sativus* L.). 23-26th June 8th National Vegetable Symposium p:297-302.
12. Gözen, V., **Kurum, R.**, Fırat, A.F., Atasayar, A., Yılmaz, M. 2010. Suitable to Protected Cultivation in Hybrid Cucumber Breeding. 23-26th June 8th National Vegetable Symposium p:333-338.

13. Gözen, V., **Kurum, R.**, Yılmaz, M. 2010. Development of the Gene Pool for Suitable to Protected Cultivation in Cucumber. 23-26th June 8th National Vegetable Symposium p:110-113.
14. Özalp, R., Boyacı, F., Kabaş, A., Ünlü, M., **Ertok (Kurum) R.**, Tepe, A., Oğuz, A., Çelik, İ., Gözen, V., Zengin, S., Coşkun, A., Yılmaz, M., Coşkun, R., Eren, A., DüNDAR, M., Topçu, V., Köksal, Y., Yılmaz, S., Ekiz, H. 2010. Improvement of F1 Hybrid Vegetable Varieties and Qualified Lines in Batem's Breeding Studies. 23-26th June 8th National Vegetable Symposium. p:4.
15. **Kurum, R.**, Çelik, N., Gözen, V., Yılmaz, M. 2011. Determination of Reaction to Some Cucumber Genotypes for Cucumber Mosaic Virus. 4th Seed Congress. 14-17 June, p: 359-361.
16. Yılmaz, M., **Kurum, R.**, Gözen, V. 2011. Investigation of Some Cucumber Genotypes Seed Characteristics of Different Origins. . 4th Seed Congress. 14-17 June p: 217-221.
17. Ünlü, M., Ünlü, A., **Kurum, R.**, Polat, İ. 2014. Summer and winter melon hybrids Resistant to Fusarium oxysporum f.sp. melonis 10th National Vegetable Symposium, 2-4 September, p:277.
18. Ünlü, M., Ünlü, A., **Kurum, R.** 2015. Development of Lines Tolerant to *Podosphaera xanthii*. 7th National Vegetable Symposium, 25-29 August, Çanakkale/Turkey, p:285.

Others

1. Ercan, N., Biner, B., Boyacı, F., **Kurum, R.** 1997. Soilless Culture. ATSO.
2. **Ertok (Kurum), R.** 2009. Grafted Seedling in Vegetable Production. Tarımın sesi, March, 21:3-6.
3. **Ertok (Kurum), R.** 2009. Protected Vegetable Cultivation (Protected Cultivation in Cucumber) . Ministry of Agriculture and Rural Affairs Publication Office of the Presidency , 53:61-74.
4. Gözen, V., **Kurum, R.** 2011. Protected Cultivation in Cucumber and Low Temperature. Tarım Türk Journal 31(6).
5. **Kurum, R.** 2011. Cucumber, Hasad Journal 318:68-69.
6. **Kurum, R.** 2014. Grafted Seedling in Vegetable Production and Fruit Quality. 47:16-17. Tarım Türk Journal.
7. **Kurum, R.** 2016. Development of Cucumber Breeding. Harman Time Journal. 3:35.
8. **Kurum, R.** 2016. Grafting in vegetables. Batı Akdeniz Agricultural Research Institute Bulletin number 2.

EDUCATION, CONGRESS AND SYMPOSIUM

1. Turkey 2 nd Ecological Agriculture Symposium. 14-16 November 2001, Antalya.
2. Ecological Agriculture Training Course, 24-29 December 2001, Antalya Directorate of Provincial Food Agriculture and Livestock
3. 2 nd Ornamental Plants Congress, 22-24 October 2002, Citrus and Greenhouse Research Institute, Antalya.
4. The Course of Implementation of Nuclear Techniques in Agriculture Course, 16-20 December 2002, Batem, Antalya
5. Turkey IV. National Horticulture Congress, 8-12 September 2003, Antalya.
6. F1 Hybrid Variety Development Project-The Meeting of Public-Private Sector Cooperation, 14 January 2004, Antalya.
7. Statistics Course, 16-20 February 2004, BATEM, Antalya.
8. Plant Breeding Course, First Level. 01-05/March/2004. Antalya GDAR
9. Applied Hybrid Varieties Breeding Course 26-30/April/2004, Antalya. GDAR
10. Course on Applied Hybrid Variety Breeding 24-28 May, 2004, Adana
11. The Course of Using Biotechnology in Breeding of Hybrid Variety, 22-24 June 2004, BATEM, Antalya., GDAR
12. Applied Plant Breeding Course, Second Level, 11-14/October/2004
13. Plant Breeding Course, Third Level, 13-17/December/2004, Samsun, GDAR
14. Protected Cultivation and Soilless Culture, 5-9 December, 2005, BATEM, Antalya.
15. Turkey Methyl Bromide Workshop, 8 March 2006, Antalya.
16. The Course on Resistance Breeding to Biotic and Abiotic Stress in Vegetable, 20-23 June 2006, BATEM, Antalya.
17. Applied Course for Breeding on Resistance to Biotic Stress. 19-20 April 2007, BATEM, Antalya.
18. Product Management of Tomato, Pepper and Cucumber in Soilless Culture, 26 April 2007, BATEM, Antalya.
19. International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate 6-11 April 2008, Antalya.
20. Workshop on Phase out of Methyl Bromide Use in Turkey, 21 May 2008, Antalya.
Antalya (Trainer).
21. Course on Applied Hybrid Vegetable Variety Breeding for Beginners , 20-22 April 2009, Batem (Trainer)
22. Course on Applied Hybrid Vegetable Variety Breeding for Beginners 2-6 November 2009, Batem, Antalya (Trainer).
23. Protected Cultivation of Vegetable (Cucumber Cultivation) , 7 April 2010, Batem (Trainer)
24. Course on Advanced Techniques in Vegetable Breeding 19-21 April 2010, Batem, Antalya (Trainer).
25. Farmer Training, Protected Cultivation of Cucumber, 27 April 2010, Antalya (Trainer)
26. Protected Cultivation of Cucumber, 29 June 2010 (Trainer)
27. XV th EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae. 15-18 October 2012, Antalya, Turkey.
28. International Plant Breeding Congress 10-14 November 2013, Antalya.

29. Integrated management in protected vegetable cultivation, Grafted seedling use in vegetable cultivation, 17 November 2014 Batem, Antalya (Trainer)
30. Vegetable Grafting to Improve Yield and Fruit Quality Under Biotic and Abiotic Stress Conditions (COST ACTION, FA1204) 2-4 March 2015, Antalya.
31. II. International Plant Breeding Congress, 1-5 November 2015, WOW Kremlin Palace, Antalya, Turkey.
32. The Future of Horticulture Sector From Local to Global Program, 2th September 2016, Expo, Antalya.
33. Integrated management in protected vegetable cultivation, Use of grafted seedlings in vegetable growing, 5th December 2016, Batem, Antalya (Trainer)
34. Somali Technical Committee Training Program “Melon Growing in Protected Cultivation, Breeding and Seed Production, 18th December 2017.

Radio, TV Interview