



TAGEM
R&D AND INNOVATION

INTERNATIONAL AGRICULTURAL RESEARCH
AND TRAINING CENTER / İZMİR

NURİ CANDAN, MSc Agricultural Engineer

EDUCATION

- **Assoc. prof**
 - **PhD**
 - **MSc** 2004-2009 Selçuk Üniversitesi Ziraat Fakültesi
 - **Bachelor's Degree** 1994-1998 Yüzüncü Yıl Üniversitesi Ziraat Fakültesi
- LANGUAGE** İngilizce YÖKDİL / YDS
Almanca YÖKDİL

CAREER

- 2011 International Agricultural Research and Training Centre-Researcher-İZMİR
- 2010 Menemen Soil and Water Resources Research Institute- Researcher-İZMİR
- 2003 Agriculture District Directorate of Dinar-Engineer-AFYONKARAHİSAR
- 1996 Agriculture Province Directorate-Technician- VAN
- 1995 Agriculture District Directorate of Saray-Technician-VAN
- 1992 Agriculture Province Directorate-Technician-AĞRI

ABOUT ME

He was born in Aydın in 1974. He graduated from Beydere Agricultural Vocational High School in 1992 and from Yüzüncü Yıl University, Faculty of Agriculture in 1998. He completed his master's degree in Selçuk University, Faculty of Agriculture, Department of Horticulture in 2009.

He has been working on plant nutrition in many national and international research projects.

CONTACT

📍 Camikebir Mah. Maltepe Yolu No: 27/1
Menemen / İzmir
35660 TÜRKİYE

🌐 nuri.candan@tarimorman.gov.tr

☎ 0 232 831 10 52 - 231



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▪ **PROJECTS**

▪ **Projects Conducted**

1. Production of Liquid Chemical Fertilizers Suitable for Plants Grown in Water and Dry Conditions and Comparison of Their Activity with Traditional Solid Chemical Fertilizers and Development of Machines Suitable for Liquid Fertilizer Use, Project Menemen Location. Researcher.
2. Determination of the Effects of Different Tillage Methods on Yield and Physical, Chemical and Biologic Properties of the Soil. Researcher.
3. Collection, Evaluation and Selection of Rhizobium Bacterial Strains in Aegean Region. Researcher.
4. National Crop Monitoring and Yield Estimation Project, Crop Monitoring and Yield Estimation of Maize on the Menemen Plain. Researcher.
5. Creation of Irrigation Program of Tomatoes Irrigated by Subsurface Drip Irrigation in Menemen Conditions. Researcher.
6. Farming Tools for External Nutrient Inputs and Water Management FATIMA. Researcher.
7. Investigation of the Effects of Some Chemical Liquid Fertilizers on Soil Improvement and Grain Corn Yield in Salty Soils. Researcher.
8. Determination of Performance of Drip Irrigation Systems in Manisa Region. Researcher.
9. Determination of Application Zones by Soil Productivity Variation at Field Levels Menemen Case. Researcher.
10. Investigation of Boron Nutrition Levels and the Effects of Boron Fertilization on Yields of Vineyards in İzmir, Manisa, Denizli. Researcher.
11. Comparison of Alternative Rotation Systems for Organic Animal Feed Production Under Aegean Region Conditions. Researcher.
12. Determination of Effects of N and P Fertilizers Applied by Fertigation Method on the Yield and Some Quality Characteristics of Pepper. Project Leader.



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▪ **Projects Conducted**

13. The Determination of Effects of TKİ-Humic Acid and Reduced Fertilizer Levels on Yield and Quality in Potato under İzmir Ecological Conditions. Researcher.
14. Boron usage of Processing Tomato Grown Bursa, İzmir and Manisa Provinces and Effects of Different Boron levels on Yield and Some Quality Characteristics. Project Manisa Location Leader.
15. Determination of Plant Nutrient and Potential Toxic Element Contents of Soils under Cultivation in İzmir, Manisa and Aydın Provinces, Establishment of a Database and Mapping. Researcher.
16. Changes of Indole-3-Acetic Acid (IAA) Levels in the flower and fruit abscission periods on Washington Navel and Valencia orange (*Citrus sinensis* L.) cultivars grown in Antalya ecological conditions. Project Leader.

▪ **Ongoing Projects**

1. Determining the Effect of Different Nitrogen Levels Applied by Subsurface Fertigation Method on Grain Corn (maize) Yield and Some Quality Properties. Project Leader.
2. LEarning and action alliances for NexuS EnviromentS in an uncertain future (LENSES, EU Horizon 2020 PRIMA Program). Researcher.
3. Determination of Agricultural Nitrate and Phosphorus Pollution Using ArcSWAT Method in Menemen Plain - Example of Seyrek Secondary Irrigation Area. Researcher.



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

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

1. ARAS S., YÜZBAŞI Ş., ÖZÇELİK Ş., CANDAN N., ALKAN Ü., GÜNDÜZ M., TARI AKAP P., ŞEN F., 2019 Effect of Different Subsurface Drip Irrigation Applications on Some Quality Parameters of Tomato. International Conference on Food And Agricultural Economics, 25-26 April, 2019, Antalya.
2. ARAS S., YÜZBAŞI Ş., ÖZÇELİK Ş., CANDAN N., ALKAN Ü., GÜNDÜZ M., TARI AKAP P., ŞEN F., 2019 Effect of Different Irrigation Levels Effect Applied By Subsurface Drip Irrigation on Vitamin C Content of Tomato, 6 th Congress, 12-14 November 2019, İzmir.
3. ÖZDEN N, KARAGÜL V., SÖKMEN Ö., CANDAN N., ŞEN S., ERTÜRK A., 2016. Microelement Contents in the Soil and Plants for Aegean Region Vineyards, International Symposium On Boron in Agriculture, 16-18 November 2016, Ankara.
4. UYSAL E, ŞEN O.F., DAŞ KILIÇ Ö.B., CANDAN N., UZUN N., ÜNER K., ALBAYRAK B., BIYIKLI M., ÜĞLÜ G., RAHMANOĞLU N., 2016. Determining the Boron Nutritional Status of Important Industrial Tomato Cultivation Areas of Turkey, International Symposium On Boron in Agriculture, 16-18 November 2016, Ankara.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

- CANDAN N., 2012 Importance of fertigation, Tarım Türk, Issue: 37, pp :18-22.

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



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▪ **OTHER PUBLICATIONS**

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

1. CANDAN N. and ERSOY N., 2009. Changes of Indole-3-Acetic Acid (IAA) Levels in the flower and fruit abscission periods on Washington Navel and Valencia orange (*Citrus sinensis* L.) cultivars grown in Antalya ecological conditions. Selçuk University, Selcuk Journal of Agricultural and Food Sciences. 23 (50): (2009)46-51, ISSN:1309-0550 Konya.
2. ÖZDEN N., CANDAN N., KARAGÜL V., SÖKMEN Ö., ŞEN S., ERTÜRK A., 2019. Determination of Boron Nutrition Status of Vineyards in İzmir, Manisa and Denizli Provinces and Investigation of the Effect of Boron Fertilization on Yield in Vineyards, Project Result Report, İzmir.
3. USLU İ., TOPDEMİR T., CANDAN N., ŞEN O. F., TEKİN A. B., 2019. Determination of Application Zones by Soil Fertility Variation at Field Levels, Menemen Case, Project Result Report, İzmir.
4. ÖZDEN N., USLU İ., SÖKMEN Ö., ARAS S., ALKAN Ü., ŞEN O. F., ŞEN S., CANDAN N., METİNOĞLU F., RAHMANOĞLU N., GÖÇMEZ S. 2018. Determination of Plant Nutrient and Potential Toxic Element Contents of Agricultural Soils in İzmir, Manisa and Aydın Provinces, Establishment of a Database and Mapping, Project Result Report, İzmir.
5. CANDAN N., ÜNER K., GÜNDÜZ M., KARAGÜL V., UZUN N., ŞEN O.F., EŞİYOK D., 2017 Determination of Effects of N and P Fertilizers Applied by Fertigation Method on the Yield and Some Quality Characteristics of Pepper, General Directorate of Agricultural Research and Policies (IARTC 2017-03), Project Result Report, İzmir.
6. KARAGÜL V., GÜRÜN B., ÜNER K., CANDAN N., ŞEN O.F., GEZGİN S., ÖZDEMİR N., BUDAK B., 2017 The Effect of TKI-Reduced Fertilizer Levels on Yield and Quality Characteristics of Potato in Izmir Conditions, General Directorate of Agricultural Research and Policies (IARTC 2017-02), Project Result Report, İzmir.



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

1. Isotope and Radiation Techniques in Soil Efficacy and Plant Nutrition Research. TAEK-SANAEM. 14-16.11.2016.
2. Statistics Training. TAGEM TSKAE Konya. 09-13.05.2011.
3. ArcGIS I and II Training. ESRI TÜRKİYE. 18-22.10.2010.
4. Soil, Plant, Water Analysis and Fertilization Recommendations Training. BATEM Antalya. 04-08.02.2008.
5. Organic Agriculture Course. TÜGEM-Balıkesir. 04-08.2007.
6. Agricultural Extension Training Course. TEDGEM-Afyonkarahisar. 09-11.05.2006.
7. Drip Irrigation Method Course. TEDGEM-Söke TML. 22.08-02.10.2005.
8. Sprinkler Irrigation Method Course. TEDGEM-Söke TML. 20.06-01.07.2005.