



**TAGEM**  
R&D AND INNOVATION

TRANSITIONAL ZONE AGRICULTURAL  
RESEARCH INSTITUTE/ ESKISEHIR

## NURTEN LOKOGLU, PhD Agricultural Engineer

### EDUCATION

- PhD**  
2012-2019  
Ankara University  
Agriculture Faculty, Horticulture
  - MSc**  
2007-2010  
Ankara University  
Agriculture Faculty, Horticulture
  - Bachelor's Degree**  
2002-2007  
Ankara University  
Agriculture Faculty, Horticulture
- LANGUAGE** English YÖKDİL 65 (March 2020)


### CAREER

- 2011-Agriculture Engineer, Transitional Zone Agricultural Research Institute (GKTAEM) -Vegetable Department- ESKISEHIR


### ABOUT ME

She was born in 1985 in Ankara. In 2007, She graduated from Ankara University, Faculty of Agriculture, Department of Horticulture. She completed Master in 2010 and Phd in 2019. She has working at the vegetable department in Eskisehir-GKTAEM since 2011. She is working on winter vegetable breeding especially carrot breeding.

### CONTACT

 Transitional Zone Agricultural Research Institute Ziraat Cad. No:396 Tepebasi-ESKISEHIR

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### PROJECTS

#### Projects Conducted

1. Hybrid Spinach Breeding-1, Characterization of National Spinach Genetic Resource and Improvement of High Quality Pure Line TAGEM, Project Researcher, (2012-2014)
2. Improvement of Local Vegetable Varieties- Breeding of Kocas Eggplant by Selection, TAGEM Project Researcher (2012-2017)
3. Development of New Onion Varieties from Eskisehir Onion Populations by Selection Breeding,- TAGEM, Project Researcher (2018-2022)
4. Transitional Regional Vegetable Genetic Resources, TAGEM Project Researcher (2014-2018) Different Spinach Genotypes Between Genetic Diversity with SSR Related Parameters Using Determination Method (Scientific and Academic Project Researcher ) (2014-2016)
5. Determination of hybrid potential of carrot germplasm resources in Turkey, TAGEM, Project Manager (2014-2018)
6. Determination of hybrid potential of carrot germplasm resources – The Effects of Storage Method, Root Size, Planting Interval on Seed Yield and Quality in Purple Carrots (*Daucus carota* L.) TAGEM, Project Manager Phd. Project (2016-2018)
7. Pumpkin Breeding (private sector Project researcher) (2015-2019)
8. The effect of irrigation levels, lateral intervals, irrigation day intervals on the yield in tomato which is irrigated by drip irrigation system in the area of Eskisehir and Kutahya Project for farmers TAGEM Project Researcher (2016-2018)
9. Vegetable Genetic Resources of Transitional Region, TAGEM Researcher (2014-2018)
10. Taste From The Past (Tomato Growing) Project, Women farmers are meeting agricultural innovations, (Tagem, Eskisehir Directorate Of Provincial Agriculture And Forestry) (2019)

#### Ongoing Projects

1. Determination of hybrid potential of carrot germplasm resources –II (TAGEM Project Manager 2020-2024)
2. Seed Pumpkin Breeding (TAGEM Project Researcher 2022-2026)
3. Obtain the Breeding Lines with Improved Nutritional and Yield Properties Using Mutation Breeding of Lettuce (TAGEM Project Researcher 2022-2026)
4. Western Transitional Zone Vegetable Genetic Resources Project (TAGEM Project Researcher 2022-2026)
5. Local Minor Genetic Resources of Vegetables Collection and Characterization Projects (TAGEM Project Researcher 2021-2022)
6. Local Varieties of Collection, Characterization, In-situ Conservation and Increasing Value Added Project in TR 41 Region (BEBKA Project Researcher -2021)
7. Development of New Onion Varieties from Eskisehir Onion Populations by Selection Breeding-III TAGEM, Project Researcher 2023-2027)



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### PUBLICATIONS

#### INTERNATIONAL ARTICLES AND PAPERS

##### Articles Published in International Journals

1. Lokoglu, N. and Yanmaz, R. (2019). The effects of storage temperature and packaging methods on quality of roots and seed yield in purple carrot (*Daucus carota*L.). Acta Hort. 1251, 109-112 DOI:10.17660/ActaHortic.2019.1251.14 <https://doi.org/10.17660/ActaHortic.2019.1251>.
2. Lokoglu, N. and Ipek, A. (2019). Determination of hybrid potential of carrot germplasm. Acta Hort. 1251, 199-200 DOI:10.17660/ActaHortic.2019.1251.28 <https://doi.org/10.17660/ActaHortic.2019.1251.28>

##### International Papers, Seminars, etc.

1. Lokoglu, N. and Ipek, A. (2019). Determination of hybrid potential of carrot germplasm. Poster. IHC International Horticulture Congress, 16-19 August 2018, ISTANBUL.
2. Lokoglu, N. and Yanmaz, R. (2019). The effects of storage temperature and packaging methods on quality of roots and seed yield in purple carrot (*Daucus carota* L.).Poster. IHC International Horticulture Congress,16-19 August, 2018, ISTANBUL. (Young Minds Award)

#### NATIONAL ARTICLES AND PAPERS

##### Articles Published in National Journals

1. Lokoglu N., Winter Vegetables and Growing. Tarım Turk Magazine. Number: (63) 2017
2. Lokoglu N.,Carrot Growing. Tarım Turk Magazine. Number: (68) 2017
3. Lokoglu N .,Yanmaz R., . Purple carrot sector in Turkey. Tarım Gundem Magazine 7(40): 42- 45 2017

##### National Papers,Seminars,etc.

1. Lokoglu, N. ve Demir, İ. Using the power of early rootlets exit test to estimate the rate of seedling emergence in watermelon and tomatoes seeds VIII. Vegetable Farming Symposium 22-27 June 2010 VAN , oral presentations.
2. Fidan, S., Turkmen, O., Matyar., S., Sarıcam, S., Lokoglu, N., Seymen, M. Territorial Morfolojic characterization of Spinach Genetic Research. 9. Symposium of vegetable farming 12-14 september 2012 KONYA, poster presentation
3. LokogLu, N. Apiaceae Family Plants, V. Ornamental Plants Congress 6-9 May 2013, Yalova, Poster Papers
4. Lokoglu, N. ve Yanmaz, R. (2019). Effects of Root Size and Using Heat Cover on Seed Yield and quality of Purple Carrots. Oral Presentation. 12th Symposium of Vegetable Farming 8-11 September 2019 KAYSERİ



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### **OTHER PUBLICATIONS**

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

1. The effect of germination rate on seedling quality in tomato, pepper, aubergine and watermelon seeds.2010.Master Thesis. Ankara University Graduate school of Natural and Applied Sciences .Printed Thesis.
2. The Effects of Storage Method, Root Size, Planting Interval on Seed Yield and Quality in Purple Carrots (Daucus carota L.) 2019.Ph.D.Thesis.Ankara University Graduate school of Natural and Applied Sciences .Printed Thesis.



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

1. Bebka project education (2 days)(July-2011) ESKISEHIR
2. Pumpkin growing education (2 days)(September-2011) GKTAEM
3. Trakya Agricultural Research Institute, Hybrid Breeding Education (3 days)(December, 2011) EDIRNE
4. ICARDA-CiMMYT , English course (4 months )(January-May 2012) in ANKARA
5. 9. Symposium Of Vegetable Agriculture (12-14 September 2012) Selcuk University in KONYA
6. V.Ornimental Plants Congress (6-9 May 2013) ABKMAEM-Yalova
7. Pumpkin, Onion, Carrot Growing education(3days) (trainer) (September-2013), GKTAEM, ESKISEHIR
8. Tomato, Carrot ve Onion Growing Education (1 day) (trainer) (March 2015), ESKISEHIR
9. IHC International Horticulture Congress (16-19 August, 2018),Istanbul Congress Center,ISTANBUL
10. Tubitak Project Course , Samsun, 19 Mayıs University Technopark April,2019
11. 12th Symposium of Vegetable Farming 8-11 September 2019 KAYSERİ,Erciyes University
12. Turkey 7th Seed Congress with International Participation, Iğdır University,15-17 September 2021.Online.
13. National Horticultural Association Member
14. Chamber Of Agricultural Engineers Member