



INTERNATIONAL AGRICULTURAL RESEARCH  
AND TRAINING CENTER / izmir

## Vedat BEDİRHANOĞLU

### Agricultural Engineer

- PhD**  
2015-2022  
Ataturk University  
Faculty of Agriculture
- MSc**  
2011-2015  
Ataturk University  
Faculty of Agriculture
- Bachelor's Degree**  
2006-2011  
Ataturk University  
Faculty of Agriculture
- LANGUAGE**  
İngilizce YDS 77

- 2017-Now Agricultural Engineering, IARTC, International  
Agricultural Research and Training Center - Menemen/İzmir
- 2010-2017 Agricultural Engineering, East Anatolia Agricultural  
Research Institute -Erzurum
- 2006-2010 Technician, Directorate of District Agriculture and  
Forestry -Sarıkamiş/Kars

He was born in 1986 in Van. He got bachelor and master degree from Atatürk University, Faculty of Agriculture in 2011 and 2015. He got g PhD degree at Atatürk University, Faculty of Agriculture in 2022. He worked at Directorate of District Agriculture and Forestry in Sarıkamiş, 2006 and was appointed to Erzurum East Anatolian Agricultural Research Institute in 2010. After working here for 7 years, he was appointed to the Director of the International Agricultural Research and Training Center, and still works here.

Hs current research focus is on the plant nutrition, analyze methods and fertilization.

Camikebir Mah, Menemen Maltepe  
Yolu No: 27/1, 35660 Menemen/İzmir

vedat.bedirhanoglu@tarimorman.go

0 232 831 10 52



# Vedat BEDİRHANOĞLU

## Agricultural Engineer



### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. Barley Breeding Project, Leader, 2012-2016
2. Wheat Breeding Project, Researcher, 2012-2016
3. Wheat Breeding Project, Researcher, 2012-2016

#### ▪ **Ongoing Projects**

1. Assessment of Suitable Chemical Analysis Methods for Determining Plant Available Nitrogen in Aegean Region Conditions, Leader, 2020-Now
2. Determination of Agricultural Nitrate and Phosphorus Pollution Using ArcSWAT Method in Menemen Plain - Example of Seyrek Secondary Irrigation Area, Researcher, 2020-2022



# Vedat BEDİRHANOĞLU

## Agricultural Engineer



### ▪ **PUBLICATIONS**

#### ▪ **INTERNATIONAL ARTICLES AND PAPERS**

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

1. **Bedirhanoglu, V.**, Yang, H., & Shukla, M. K. (2022). Reducing Water Salinity at Flowering Stage Decreases Days to Flowering and Promotes Plant Growth and Yield in Chile Pepper. HortScience, 57(9), 1128-1134.
2. Kankarla, V., Ben ali, A., **Bedirhanoglu, V.**, Yang, H., Shukla, M. K., 2019. Salinity as a Value Added Product to Grow Glycophytes and Halophytes for Food Security in Arid Areas. Abstracts: Golden Jubilee International Salinity Conference (GJISC-2019). ISSSWQ and ICAR-CSSRI.

#### ▪ **NATIONAL ARTICLES AND PAPERS**

#### ▪ **Articles Published in National Journals**

1. Küçüközdemir, Ü., **Bedirhanoglu, V.**, & Bağcı, S. A., 2020. Comparison of some triticale and wheat varieties in terms of yield over the locations and years in Erzurum conditions. EKIN, Journal of Crop Breeding and Genetics, 6(1), 54-62.



# Vedat BEDİRHANOĞLU

## Agricultural Engineer



### ▪ **OTHER PUBLICATIONS**

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

1. The Effect of Chelate and Microbial Fertilizer Application on Yield and Yield Parameters to Increase Boron Uptake of Radish Plants Grown in Areas Contaminated with Different Levels of Boron, Bachelor's Thesis, 2011. Atatürk University, Department of Soil and Plant
2. Effects of Na-humate and Ca-humate application on cold hardiness of wheat, maize and lettuce plants. Master of Degree, 2015. Atatürk University Graduate School of Natural and Applied Sciences, Department of Soil and Plant.
3. Assesment of Suitable Chemical Analysis Methods for Determining Plant Available Nitrogen in Aegean Region Conditions. Ph.D. Thesis, 2022. Atatürk University Graduate School of Natural and Applied Sciences, Department of Soil and Plant.



# Vedat BEDİRHANOĞLU

## Agricultural Engineer



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

1. Soil Salinity, New Mexico State University, USA. 2018.