



TAGEM
R&D AND INNOVATION

FIELD CROPS CENTRAL RESEARCH INSTITUTE/
ANKARA

Murat BALABAN, PhD Agricultural Engineer

EDUCATION

■ PhD 2023	Ankara University Field Crops
■ MSc 2017	Harran University Field Crops
■ Bachelor's Degree 2009	Adnan Menderes University Faculty of Agriculture-Field Crops
LANGUAGE	English- YÖKDİL 75

CAREER

■ 2016-Continue	Engineer, Field Crops Central Research Institute
■ 2012-2016	Engineer –General Directorate Reform of Agriculture
■ 2009-2012	Engineer - Provincial Directorate of Food, Agriculture and Livestock

ABOUT ME

He was born in Ankara. He graduated from Adnan Menderes University Faculty of Agriculture department in 2009.

He started his career in Mardin in 2009, worked in the General Directorate of Agricultural Reform, and still continues his career at the Field Crops Central Research Institute.

He has/has conducted studies on Agricultural Statistics, Agricultural Census, Agricultural Support Payments, Land Policy and Agronomy

CONTACT

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■ PROJECTS

■ Projects Conducted

1. "Crop Rotation Studies for Central Anatolia Region" (2015-2019) (TAGEM/TBAD/16/A12/P01/006) Concluded Project-Researcher
2. "Determination of the Response of Some Newly Developed Barley Varieties to Nitrogen Fertilizer and Investigation of Sowing Rate" (TAGEM/TBAD/16/A12/P05/002) (2016-2020) Concluded Project- Project Leader
3. "The Effect of Different Seedbed Preparation and Fertilizer Applications on Yield and Yield Components in Chickpea (*Cicer arietinum* L.)" Concluded Project (Academic Career Project-PhD) Researcher

■ Ongoing Projects

1. "Crop Rotation Studies for Central Anatolia Region" (TAGEM/TBAD/B/20/A7/P1/1914) (2020-2024) Ongoing project- Researcher
2. "The Effect of Foliar and Basal Fertilizer Applications on Yield and Yield Components in Chickpea Grown at Different Plant Densities" (TAGEM/TBAD/B/21/A7/P3/2689) (2021-2024) Ongoing Project- Project Leader
3. "Research on Increasing Iron, Zinc or Selenium Content in Chickpeas and Lentils" (TAGEM/TBAD/G/22/A7/P3/5216) (2022-2026) Ongoing Project- Project Leader
4. "The evaluation of new 6x Iranian trans-chromosomal primary/secondary promising salt tolerant Tritipyrum (AABBE^{bE^b}) lines and production few Turkish 6x trans-chromosomal primary/secondary Tritipyrum (AABBE^{bE^b}) lines by phenotyping, molecular markers, cytogenetics molecular markers, RNA-Seq and speed breeding techniques for releasing new forage and grain commercial Tritipyrum cultivars in saline soils and brackish waters of Turkey " (TUBİTAK) Researcher



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■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

1. Balaban, M., Kodaş, R. , Akçelik, E. , Kon, H. İ. F. , Karaçam, M. , Güler, S. & Külen, S. (2022). An Investigation on Sowing Rates for Feeding Barley Varieties of Akar and Burakbey. Journal of the Institute of Science and Technology, 12 (2) , 1091-1101. DOI: 10.21597/jist.1031582
2. Kaya, E. , Aytaç, Z. & Balaban, M. (2022). Determination of Yield and Yield Components of Some Cumin (*Cuminum cyminum* L.) Genotypes in Ankara Ecological Conditions. Uluslararası Anadolu Ziraat Mühendisliği Bilimleri Dergisi, 4 (3),72-80. Retrieved from <https://dergipark.org.tr/tr/pub/uazimder/issue/72353/1073425>

International Papers, Seminars, etc.

1. Balaban, M., Yılmaz, A. ve Cevheri, C.İ. 2018. "The Effect of Different Seed Amounts on Yield and Yield Components of Some Safflower (*Carthamus tinctorius* L.) Varieties in Ankara Ecological Conditions". 6th ASM International Congress of Agriculture and Environment, Oct 11-13, Proceeding Book, p.160-172; Antalya,Turkey

■ OTHER PUBLICATIONS

- 1- Balaban.M., 2017. Effects Of Different Amounts Of Seeds On Yield And Yield Components Of Some Safflower (*Carthamus Tinctorius* L.) Types At Ankara Ecological Condition. Master's Thesis, 67 Pages
- 2- Balaban.M., 2020. Kodaş. R., Akçelik.E., Kon.H.İ.F., Avcı.M., Karaçam.M., Güler.S., Külen.S "Determination of the Response of Some Newly Developed Barley Varieties to Nitrogen Fertilizer and Investigation of Sowing Rate" (TAGEM/TBAD/16/A12/P05/002) (2016-2020) Project Final Report, Ankara.



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

1. Viticulture Development Project Viticulture, Grape and Pomegranate Cultivation training
2. Plant Protection Products Application Trainer Certificate (24.02.2010)
3. Training on Pruning in Fruit Trees Cultivated in Mardin Province (4-6 May 2011)
4. "Project Cycle Management and Fund Sources training" (12.09.2011-23.09.2011)
5. Training on "EU Agricultural Statistics System" within the scope of Data Collection and Technical Assistance for Strengthening Statistics Capacity (14-18 November 2011)
6. "Modern Livestock Education" (15-16 February 2012)
7. GAP Organic Agriculture Cluster Initiative Meeting (06.03.2012)
8. "Agricultural Support Application and GIS Training within the Scope of Agricultural Plots Information System" (25-29 March, 2013)
9. "2014 International Year of Family Farming Workshop" 12-13/06/2014, Ankara
10. Training on "Land Policy for Sustainable Rural Development". (International Center for Land Policy Studies and Training, Taiwan) (20.05.2016-17.06.2016)
11. Training on "Climate Change and Agriculture" (UTEM Ankara, 7-11.05.2018)
12. "Turkey-Canada Joint Pulses Research Workshop On The Occasion Of The World Pulses Day (February 10-11, 2022)"
13. "Genomic and fluorescent in situ hybridization (GISH/FISH) techniques" workshop participate (03-07/07/2023)