



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE / ANTALYA

MÜKERREM MELİS GÜRSAN

Agricultural Engineer (MSc)

EDUCATION

- PhD**
2019-continues
Ege University
Graduate School of Natural and Applied Sciences/Department of Horticulture
 - MSc**
Uludag University
Graduate School of Natural and Applied Sciences/
 - Bachelor's Degree**
2005-2010
Uludag University
Faculty of Agriculture
- LANGUAGE** English YÖKDİL 58,75


CAREER

- 2018-still Researcher, Atatürk Horticultural Central Research Institute-YALOVA
- 2012-2018 Researcher, Maize Research Institute-SAKARYA

ABOUT ME

She was born in 1986 in Istanbul. She graduated from Uludag University, Faculty of Agriculture, Department of Field Crops in 2010. She is continuing his doctorate education at Ege University, Department of Horticulture, Vegetable Growing and Breeding. She started to work in the Directorate of the Maize Research Institute in 2012 and worked on dry bean breeding. Since 2018, she has been working at Atatürk Horticultural Central Research Institute and has been carrying out a project on spinach breeding.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Seed Quality Development and The Effect of Seed Drying and Storage in Organically and Conventionally Grown Pepper (*Capsicum annuum* L.) Cultivars - TAGEM (2016-2020)- Assistant Researcher
2. Dry Bean Breeding Research for Marmara Region- TAGEM (2014-2018)-Leader
3. National Edible Grain Legumes Integrated Product Management Research /TAGEM (2014-2018)- Assistant Researcher
4. Dry Bean Breeding Research for Marmara Region- TAGEM (2013- 2014)- Assistant Researcher

▪ **Ongoing Projects**

1. Spinach (*Spinacia oleracea* L.) Breeding-TAGEM (2022-2026)-Leader
2. Industrial Fresh Peas (*Pisum sativum* L.) Breeding Program (2nd Semester) TAGEM-(2020-2024)/ Assistant Researcher
3. Seed Production Containing Endophytic Bacteria in Some Vegetable Species and Investigation of Resistance of These seeds to Different Biotic and Abiotic Stress Elements – TUBİTAK 3501 (2020-2023)– Assistant Researcher



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■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. Yildirim, K.C., Canik Orel D., Okyay, H., Gursan M.M., and Demir İ. 2021. Quality of Immature and Mature Pepper (*Capsicum annum* L.) Seeds in Relation to Bio-Priming with Endophytic *Pseudomonas* and *Bacillus* spp. *Horticulturae* 2021, 7, 75. <https://doi.org/10.3390/>
2. Budakli Carpici E. and Tunalı M.M., 2012. Effects of the nitrogen and phosphorus fertilization on the yield and quality of the hairy vetch (*Vicia villosa* Roth.) and barley (*Hordeum vulgare* L.) mixture. *African Journal of Biotechnology*, 11(28): 7208-7211.
3. Budakli Carpici E. and Tunalı, M.M. 2012. Effects of mixture rates on forage yield and quality of mixtures of common vetch combined with oat, barley and wheat under a winter intercropping system of southern marmara region. *Journal of Food, Agriculture & Environment*, 10(2):649 652.

■ **International Papers, Seminars, etc.**

1. **Tunalı, M.M.**, Bayram E., Cengiz, B., 2017. Determination of Yield and Some Quality Parameters of Some Dry Bean (*Phaseolus vulgaris* L. var. pinto) Genotypes Grown in Sakarya Conditions. 2nd International Balkan Agriculture Congress 16-18 May..Tekirdağ/Turkey.
2. **Tunalı, M.M.**, Cengiz, B., Nogay,Y., Akın, R. 2015. Determination of Agronomic Traits and Quality Parameters of Sakarya Conditions Some Genotype Kidney Bean. XI. Field Crops Congree.07-10 Sep. ÇANAKKALE-2015.
3. Cengiz B., Y. Nogay, **M.M.Tunalı** and Ramazan A., 2014. Determination of Agronomic Traits and Quality Parameters of two different locations Some Genotype Dry Bean (*Phaseolus vulgaris* L.) International Mesopotamia Agriculture Congress. 22-25 September 2014 Diyarbakır, Turkey.
4. Budakli Carpici E. ve **Tunalı M.M.**, 2013. Azotlu ve Fosforlu Gübrelemenin Tüylü Fiğ (*Vicia villosa* Roth.)- Arpa (*Hordeum vulgare* L.) Karşımının Kuru Ot Verimi ve Kalitesi Üzerine Etkileri 10.Tarla Bitkileri Kongresi, Konya.
5. Budakli Carpici E. ve **Tunalı M.M.**, 2013. Farklı Azot Dozlarının Mısırdada (*Zea mays* L.) Bazı Fizyolojik Özellikler ve Verim Üzerine Etkileri. 10.Tarla Bitkileri Kongresi, Konya.

■ **NATIONAL ARTICLES AND PAPERS**

■ **Articles Published in National Journals**

1. Yavuz R., **Gürsan M.M.**, Bayram M.E., Cengiz B. 2017. Türkiye’de Kuru Fasulye Yetiştiriciliği. *Agrotime Uluslararası Bitkisel Üretim ve Hayvancılık Dergisi* Mayıs-Haziran 2017 yıl: 5 sayı 27 ISSN 2147-7639.
2. Tunalı M.M., Budaklı Çarpıcı E. ve Çelik N., 2012. Farklı azot dozlarının bazı dane mısır çeşitlerinde klorofil içeriği, yaprak alan indeksi ve tane verimi üzerine etkileri. *TABAD*, 5(1):131-133.
3. Yavuz R., Bayram M.E., **Gürsan M.M.**, Demir L., Özkeskin M.E. (2016). Herbisitlerin Fasulye ve Buğdayda Fitotoksik Etkileri. 3. Ulusal Tarım Kongresi, 05- 08 Ekim 2016, Afyon. s.57.
4. Çarpıcı E.B., Çelik N, **Tunalı M.M.**, 2011. Türkiye’de Yonca Tohumculuğu, Sorunları ve Çözüm Önerileri. Poster Bildiri IV. Tohumculuk Kongresi, Samsun.



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▪ **OTHER PUBLICATIONS**

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

1. Bayram M.E., **Gürsan M.M.** 2018. Ülkesel Yemelik Tane Baklagiller Entegre Ürün Yönetimi Araştırmaları Marmara Bölgesi Kuru Fasulye İslah Projesi Sonuç Raporu- 2018, Proje No: TAGEM/ TBAD / 14/A/14/P03/001,
2. **Tunalı, Mükerrerrem Melis**, 2012. Farklı gelişme dönemlerinde mısırın mevsimiçi azotlu gübre ihtiyacının klorofilmetre (SPAD-502) aletiyle kalibre edilmesi konusunda bir araştırma. Yüksek Lisans Tezi, Uludağ Üniversitesi Fen Bilimleri Enstitüsü, Tarla Bitkileri Anabilim Dalı, Bursa.

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

1. Tagem Plant Breeding Course -2021 Spinach Breeding Training-Trainer (07-22.03.2022)
2. Tagem Plant Breeding Course -2021 Spinach Breeding Training-Trainer (11-26.04.2021)
3. Statistical and Technical Education Trial 1 (14-18.04.2014) Ankara.
4. A Field Guide to Wheat Phenotyping. (27-28.06.2014) Konya.