



TAGEM
R&D AND INNOVATION

ATATÜRK HORTICULTURAL CENTRAL RESEARCH
INSTITUTE/ YALOVA



Oğuz GÜNDÜZ, PhD

Agricultural Engineer

EDUCATION

- Assoc. prof**
- PhD** 2020-Devam
Bursa Uludağ University
Field Crops Department in Institute of
Natural and Applied Sciences
- MSc** 1993 - 1995
Bursa Uludağ University
Field Crops Department in Institute of
Natural and Applied Sciences
- Bachelor's Degree** 1989 – 1993
Bursa Uludağ University
Field Crops Department
- LANGUAGE** English ÜDS 63,5

CAREER

- 2017 –** Atatürk Horticultural Central Research Institute Yalova
Department of Vegetable, Head of Dept. & Plant Breeder
- 2012 – 2016** Bahri Dağdaş International Research Institute KONYA
Industrial Crops Dept. Head of Dept., & Sunflower Breeder
- 2008 – 2012** TMT Tarım Ürünleri Ltd. Şti.
Partner & General Manager, Sunflower Breeder (Tekirdağ)
- 2008 – 2012** Tekcan Tohumculuk San. Tic. Ltd. Şti
R&D Manager - Sunflower Breeder (Edirne – Tekirdağ)
- 2003 – 2011** Namdhari Seed Pvt. Ltd.
Vegetable Product Manager Türkiye
Liaison Officer in Türkiye
- 2000 – 2002** May Agro Tohumculuk A.Ş.
Sunflower Breeder (Tekirdağ), Vegetable Breeder (Bursa)
- 1997 – 1999** Güneş Tohum A.Ş (Member of Advanta Group)
West Antalya Region Manager, (Antalya)
Sunflower Breeder (Tekirdağ)
- 1995 – 1996** Kastaş İnşaat A.Ş (Bursa)
Small Industrial Site Construction Site Assoc.-Accounting
- 1993 – 1994** Jüt San. Tic. Ltd. Şti
Marmara Region Technical Advisor (Bursa)

ABOUT ME

He had been born in Bursa in 1972 as the third child in a family whose parents are also Agricultural Engineers. His elementary, junior and senior high school educations had been completed in Kırklareli, Kayseri and Antalya cities due to his family's civil service. After his graduation, he had been worked in various positions such as Regional Technical Officer, R&D Department Officer, Product Development Manager and General Manager in domestic and multi-national companies for many years. In 2012, he had been decided to carry and continue breeding and research activities on the public institute for family reasons.

In private Sector;

While working as a breeder on breeding programs in Sunflower, Tomato, Bean, Pepper and Melon species, In addition, he also conducted drought physiology studies on sunflower and wheat. There are tomato, watermelon, cauliflower varieties registered in the name of the companies they work with, and Sunflower varieties and lines registered in the name of Tekcan Tarım and Bahri Dağdaş Agricultural Research Institute.

He is married and has one daughter and still works as a plant breeder in the public research institutes.

CONTACT

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- **PROJECTS**

- **Projects Conducted**

1. Development of Oil Type Sunflower Lines and Hybrid Varieties Suitable for Central Anatolian Conditions (TAGEM – Handed over)
2. Determination of Drought Resistant Genetic Material in Sunflower (*Helianthus Annuus L.*) and Its Uses in Breeding Programs (TÜBİTAK 1001 – Completed)
3. Central Anatolia Region Safflower Breeding Project (TAGEM – Completed)
4. Central Anatolia Region Soybean Breeding Project (TAGEM – Completed)
5. Breeding of Early, High Yielding and Quality Varieties Suitable for Second Crop Conditions in Soybean and Creation of New Hybrid Populations (TÜBİTAK 1003 – Completed)
6. Determination of Yield and Quality Characteristics of Some Sugar Beet Varieties in Konya Conditions (TAGEM – Completed)
7. National Poppy Breeding Project (TMO – TAGEM cooperate project – Completed)
8. Water-Yield Relationships of Sunflower in Konya Conditions (TAGEM – Completed)
9. Creating Industrial Fresh Peas (*Pisum sativum L.*) Halfway Material (TAGEM – Completed)

- **Ongoing Projects**

1. Fresh Pea Breeding Program (II. Period / TAGEM)
2. Line and Variety Development Projects in Vinter Vegetables (TÜBİTAK 1007)
3. Research Project of Preserving Genetic Resources and Evaluation of Eatable Onions (*Allium spp.*) (TAGEM)
4. Spinach Breeding (TAGEM)



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• **PUBLICATIONS**

• **INTERNATIONAL ARTICLES AND PAPERS**

• **Articles Published in International Journals, Papers, Seminars, etc.**

2019

- Agro-Morphological characteristics of some local pea genotypes AGRIFOR - International Congress on Agriculture and Forestry Research 8 - 10 Nisan 2019, Marmaris / Muğla GÜNDÜZ, O. HANCI, F. ŞİMŞEK, M. ÖZDEMİR, Y. ÖZTÜRK, A. POLAT, Z.
- The parametric and nonparametric stability analyses for interpreting genotype by environment interaction of some soybean genotypes Turk. J. Field Crops, 24 (2019), pp. 28-38 Abdurrahim Tanju GÖKSOY, Mehmet SİNCİK, Mehmet ERDOĞMUŞ, Meral ERGİN, Selim AYTAÇ, Gönül GÜMÜŞÇÜ, Oğuz GÜNDÜZ, Ramazan KELEŞ, Gamze BAYRAM, Emre ŞENYİĞİT.
- Oil content determination on sunflower seeds in drought conditions Journal of Food and Preservation Institute of Food Science & Technology ISSN / eISSN:0145-8892 / 1745-4549 Veli PEKCAN, M. İbrahim YILMAZ, Göksel EVCİ, Ayse Nuran ÇİL, Vakas ŞAHİN, Oğuz GÜNDÜZ, Hasan KOÇ, Yalçın KAYA

2018

- Productivity Parameters on Sunflower in Konya Province International Agriculture Science Congress. 9-12 May, 2018 Van. GÜNDÜZ, O., GÜNDÜZ, A. PEKCAN, V., KOÇ, H.,
- The Effects Of Different Irrigation Levels Applied At Different Growing Stages On Sunflower Yield And Quality. International Agriculture Science Congress. 9-12 May, 2018 Van GÜNDÜZ, A., GÜNDÜZ, O., GÖNÜLAL, E., DÜNDAR, M.A. 2018

2017

- The yield and some quality characteristics of common (Fogopyrum esculentum Moench.) And Tatar Buckwheat (Fogopyrum tataricum). International Symposium on Medical, Aromatic and Dye Plants, 5-7 October 2017, Malatya. GÜNEŞ A., KOÇ H., GÜNDÜZ O., AKSOYAK Ş., İŞİK Ş., GÖÇMEN AKÇACIK A., 2017.



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- **PUBLICATIONS**
- **INTERNATIONAL ARTICLES AND PAPERS**
- **Articles Published in International Journals, Papers, Seminars, etc.**

2016

- Effective usage of the Honey Bees on the Sunflower (Hybrid) Seed Production 5th International Muğla Beekeeping and Pine Honey Congress 01-05 November 2016; Muğla Fethiye. GÜNDÜZ, O. GÜNDÜZ, A. GÜNEŞ, A. KOÇ, H
- A New Nectar Source to Our Country's Beekeepers Karabuğday, 5th International Muğla Beekeeping and Pine honey Congress, 01-05 November 2016, Muğla. GÜNEŞ A., KOÇ H., GÜNDÜZ O.
- Determination Of Superior Hybrid Combinations In Sunflower And Testing Of Their Resistance To Broomrape (Orobanche Cumana Wallr.) In Infested Areas 19th International Sunflower Conference 29 May – 3 June, 2016 Edirne, Turkey. GÜNDÜZ O., GÖKSOY A.T.
- Quantification Of Drought Tolerance Levels Of Sunflower Inbred Lines By Means Of Chlorophyll-A Fluorescence 19th International Sunflower Conference 29 May – 3 June, 2016 Edirne, Turkey SUNA A., BALKAN NALÇAYI S., ÇULHA ERDAL Ş., GÜNDÜZ O., PEKCAN V., ARSLAN Ö., ÇİÇEK N., KAYA Y., EKMEKÇİ Y.,

2015

- Improvement of Early, High Yielding and High Quality Soybean Cultivars Suitable for Main Crop Conditions in Mediterranean Environments. Eucarpia International Symposium On Protein Crops V Meeting Ael [V Jornadas De La Ael]. 4th to the 7th of May 2015 - Spain. SİNCİK M, ERDOĞMUŞ M, GÜMÜŞÇÜ G, GÖKSÖY AT, ERGİN M, AYTAÇ S. and GÜNDÜZ O.

2013

- Obtaining New Maintainer Lines From CMS Plants With Traditional Breeding Methods In Sunflower., Poster Sunumu, International Plant Breeding Congress , 10 Kasım 2013, 10 Kasım 2013. GÜNDÜZ O.



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• PUBLICATIONS

• NATIONAL ARTICLES AND PAPERS

• Articles Published in National Journals, Papers, Seminars, etc.

2018

- GÜNDÜZ, O. When did carrots sweeten? Tarım Gündem Dergisi 2018 Eylül-Ekim Sayı 46: S.54-58

2016

- Investigation of the possibility of growing buckwheat (*Fagopyrum esculentum* Moench.) as a second crop, III. Medicinal and Aromatic Plants Symposium, 3-6 October 2016. Antalya. GÜNEŞ A., KOÇ H., GÜNDÜZ O., AKSOYAK, IŞIK Ş, GÖÇMEN AKÇACIK A.,
- Bahri Dağdaş International Agricultural Research Institute Safflower Breeding Studies, Safflower Workshop, 12-13 May 2016, Konya. KOÇ, H., ÜLKER, R., GÜNEŞ, A., GÜNDÜZ, O., GÜMÜŞÇÜ, G., ERCAN, B., AYDOĞAN, S.

2015

- Konya koşullarında bazı şeker pancarı (*Beta vulgaris* L.) genotiplerinin verim ve kalite özelliklerinin belirlenmesi, 11. Tarla Bitkileri Kongresi, 7-10 Eylül 2015, Çanakkale. ÜLKER R., GÜNDÜZ O., KOÇ H., GÜMÜŞÇÜ G., TOPAL İ., KAYA R., TUĞRUL M., KARAKAYA R., DEĞER T., 2015.

2014

- Konya Şartlarında Bazı Haşhaş Genotiplerinin Tohum, Kapsül ve Morfin Verimi Açısından Değerlendirilmesi. II. TIBBİ VE AROMATİK BİTKİLER SEMPOZYUMU, 23-25 Eylül 2014. Atatürk Bahçe Kültürleri Merkez Araştırma Enstitüsü, Yalova. KOÇ H., GÜNEŞ A., GÜNDÜZ O., ÜLKER R., GÜMÜŞÇÜ G VE AKSOYAK Ş. 2014.

2013

- New Variety Development Studies on Oil Seeded Crops in KOP Area. National KOP Regional Development Symposium 14 Kasım 2013, 14 Kasım 2013. Hasan KOÇ, Oğuz GÜNDÜZ, Gönül GÜMÜŞÇÜ, Ahmet GÜNEŞ, Rıza ÜLKER.
- Usability of Sunflower, Safflower and Buckwheats in Landscape. V. Ornamental Crop Congress, 06 Mayıs 2013, 06 Mayıs 2013. Oğuz GÜNDÜZ Hasan KOÇ, Arzu GÜNDÜZ, Gönül GÜMÜŞÇÜ, Ahmet GÜNEŞ
- Evaluation of Some Safflower Lines Selected for Winter Resistance in Konya Conditions in Terms of Seed Yield and Oil Rate, Türkiye 10. Field Crop Congress, 10 Eylül 2013. Hasan KOÇ, Rıza ÜLKER, Gönül GÜMÜŞÇÜ, Ahmet GÜNEŞ, Birol ERCAN, Oğuz GÜNDÜZ, Aysun Göçmen AKÇACIK



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- **OTHER PUBLICATIONS**

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

1. GÜNDÜZ O., (Phd Thesis - 2008) Determination Of Superior Hybrid Combinations In Sunflower And Testing Of Their Resistance To Broomrape (Orobanche Cumana Wallr.) In Infested Areas
2. GÜNDÜZ O., (Msc. Thesis - 1995)1995. A study on the effects of plant density on herb yield and quality with two varieties of sorghum x sudanese hybrid
3. GÜNDÜZ O., Şimşek M., Özdemir Y., Öztürk A., Polat Z., Hancı F., 2018 Creation of Halfway Material on Industrial Type Fresh Pea (*Pisum sativum* L.) (TAGEM/BBAD/16/A09/P05/05 Result Report)
4. GÜNDÜZ O., 2019 Plant Growth Regulator on Tomato Firm Audit Report
5. GÜNDÜZ O., 2019 Plant Growth Regulator on Pepper Firm Audit Report
6. GÜNDÜZ O., 2019 Plant Growth Regulator on Lettuce Firm Audit Report
7. GÜNDÜZ O., 2021 Plant Growth Regulator on Tomato Firm Audit Report
8. GÜNDÜZ O., 2021 Plant Growth Regulator on Pepper Firm Audit Report



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

1. Applied Pea Breeding Course 2022 – Yalova
2. Agriculture Council and Workshop, 2021 - Kocaeli
3. Impact of Climate Change on Agricultural Production and Evaluation Marmara Region Meeting, 2021 – Kocaeli
4. Applied Pea Breeding Course 2021 – Yalova
5. 8. OIC Ministerial Conference on Food Security and Agricultural Development under the theme: “Improvement of Food Systems for Ensuring Food Security in OIC Member States”, 2021 – Istanbul
6. Yalova Research Congress (YAK), 2021 – Yalova
7. Breeder's Rights Directive Meeting 2019 – Ankara,
8. Applied Pea Breeding Course 2020 – Yalova
9. Watermelon Farming Education, 2019 – Yalova
10. Fresh Fruit and Vegetable Workshop, 2019 – Konya
11. International Congress on Agriculture and Forestry Research (AGRIFOR) 2019 - Marmaris
12. II. International Agriculture Congress (UTAK II) 2019 – Ayaş/Ankara
13. Workshop on Sustainable Strategies in National and Domestic Seed Business, 2019 – Antalya
14. Watermelon Farming Education, 2018 – Yalova
15. Kapia Pepper Farming Education 2018 – Bartın
16. International Agricultural Science, 2018 – Van
17. Concerns about GMO and Biosafety Regulations in Türkiye 2017 - Yalova (Seminer)
18. Applied Sunflower Breeding Course 2016 – Konya
19. 1th National Soybean Workshop 2016 – Antalya
20. 1th National Safflower Workshop, 2016 – Konya
21. General Training Course of “Turkey in Horizon 2020”, 2016 – Konya
22. 19th International Sunflower Conference, 2016 – Edirne
23. KOP TEYAP - Sunflower Farming Education 2016 - Konya
24. Central Anatolia Region BAV Meeting, 2016 – Niğde
25. 5th International Muğla Beekeeping and Pine Honey Congress, 2016 – Ölüdeniz/Muğla



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26. 11th Field Crop Congress, 2015 – Çanakkale
27. Applied Sunflower Breeding Course 2015 – Konya
28. Agricultural Basins and Lower Basin Product Pattern Determination Workshop
29. Applied Sunflower Breeding Course 2014 – Konya
30. Conservative Tillage and Direct Sowing Workshop 2014 – Konya
31. English Publication Preparation Training 2014 – Ankara
32. Bromrape “Monster Weed” (*Orobanche ssp*) Panel, 2014 – Edirne
33. II. Drought and Desertification Symposium with International Participation, 2014 - Konya
34. Applied Sunflower Breeding Course, 2013 – Konya
35. International Plant Breeding Congress, 2013 – Antalya
36. CIMMYT Physiology Course 2013 - Konya
37. Sunflower Farming Education 2013 – Konya
38. V. Ornamental Crop Congress, 2013 – Yalova
39. 10th Field Crop Congress, 2013 – Konya