



TAGEM
R&D AND INNOVATION

FIELD CROPS CENTRAL RESEARCH INSTITUTE/ ANKARA

Gökhan KILIÇ, MS Agricultural Engineer

EDUCATION

- PhD** Ankara University
2018-Present Department of Field Crops
- MS** Süleyman Demirel University
2013-2016 Department of Field Crops
- Bachelor's Degree** Süleyman Demirel University
2005-2011 Department of Field Crops

LANGUAGE Yökdil 76,25, English YDS 55,

CAREER

- 2013-2015 Orta Directorate of Provincial Agriculture and Forestry /CANKIRI/ Turkey
- 2015-Present Researcher (Wheat Breeder) - Field Crops Central Research Institute, Department of Plant Breeding and Genetics, Wheat Breeding - Ankara/Turkey

ABOUT ME

I was born in Ankara in 1988. In 2011, I graduated from Süleyman Demirel University, Faculty of Agriculture, Department of Field Crops. I started to work at the Ministry in 2013. I have been working in the wheat breeding unit at the Field Crops Central Research Institute since 2015.

I work as a breeder in the continuous projects of "Central Anatolia Region Bread Wheat Research" and "Central Anatolia Region Durum Wheat Research" at the Field Crop Central Research Institute. I have been contributed to breeding 15 wheat varieties till the present..

CONTACT



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■ **PROJECTS**

■ **Projects Conducted**

1. Tübitak-The Effect of Different Levels of Salt Irrigation Water Applications on Germination, Grass Yield and Quality of Sorghum Sudanese Hybrid Varieties (Project Leader / 2010-2011)
2. The Central Anatolia Region Bread Wheat Breeding Research (Researcher / 2015-2017)
3. The Central Anatolia Region Durum Wheat Breeding Research (Researcher / 2015-2017)
4. National Winter Wheat Breeding Research (Researcher / 2015-2017)
5. Tübitak - Development of Bread Wheat Lines Resistant to Warrior Yellow Rust (Puccinia Striiformis F. Sp. Tritici) Race in a Little While with the Help of Biotechnology Methods (PhD Scholarship / 2018-2021)

■ **Ongoing Projects**

1. Determining the Genotype x Environment Interactions for Iron and Zinc Content of Some Durum Wheat Cultivars Developed With Interspecies Crosses TAGEM/TBAD/A/21/A7/P1/5003 (Project Leader/ 2021-2023)
2. The Central Anatolia Region Bread Wheat Breeding Research TAGEM/TBAD/13/A12/P01/002 (Researcher / 2018-2022)
3. The Central Anatolia Region Durum Wheat Breeding Research TAGEM/TBAD/13/A12/P02/001 (Researcher / 2018-2022)
4. Producer Satisfaction and Tracking of Wheat Varieties Developed by TAGEM (Researcher / 2022-2026)
5. Determination of the Effect of Nitrogen Dose and Environment on Yield and Quality Traits of Some Local and Commercial Wheat Varieties (Researcher / 2021-2023)
6. Determination of Allelic Variation in Vernalization and Photoperiod Genes in Bread Wheat Genotypes (Researcher / 2020-2024)
7. National Winter Wheat Breeding Research (Researcher / 2018-2022)
8. International Winter Wheat Improvement Program (IWWIP) (Researcher / 2018-Present)



6. PUBLICATIONS

7. INTERNATIONAL ARTICLES AND PAPERS

8. Articles Published in International Journals

1. Kaplan Evlice A, Pehlivan A, Sanal T, Salantur A, Kilic G, Dugan G, Boyaci IH, Koksel H (2020) Utilization potential of glutograph in wheat breeding programs and the influence of genotype and environment on bread wheat quality. Cereal Chemistry, 97(3), 634– 641. <https://doi.org/10.1002/cche.10279>
2. Yüksek, O. ve **Kılıç, G.** 2018. Sorgum Sudanotu Melezi Çeşitlerinde Ot Verimi Ve Bazı Verim Unsurları Üzerine Tuzlu Sulama Suyu Uygulamalarının Etkisi, II. Uluslararası Multidisipliner Çalışmaları Kongresi. 4-5 Mayıs 2018, Adana, S.149.

■ International Papers, Seminars, etc.

- Akan Kadir, Akci Nilüfer, Yazar Selami, Dönmez Emin, Salantur Ayten, Özdemir Bayram, Alyamaç Mehmet Emin, **Kılıç Gökhan**, 2021. Ekmeklik Melez Bahçesi Materyallerinin Fide ve Ergin Döneminde Pas Hastalıklarına karşı Reaksiyonlarının Belirlenmesi. Uluslararası Katılımlı 8. Bitki Koruma Kongresi, 24-28 Ağustos 2021 (Sözlü sunum FS-29) p:233
- Akci Nilüfer, Akan Kadir, Yazar Selami, Dönmez Emin, Salantur Ayten, Özdemir Bayram, Alyamaç Mehmet Emin, **Kılıç Gökhan**, 2021. Ekmeklik ve Makarnalık Bölge Verim Denemesi Materyallerinin Sürme Hastalığına Karşı Reaksiyonlarının Belirlenmesi. Uluslararası Katılımlı 8. Bitki Koruma Kongresi, 24-28 Ağustos 2021 (Sözlü sunum FP-16) p:288
- Akan Kadir, Akci Nilüfer, Yazar Selami, Salantur Ayten, Özdemir Bayram, Alyamaç Mehmet Emin, **Kılıç Gökhan**, Dönmez Emin, Tülek Adnan, Öztürk İrfan, 2021. Reactions of some advance yield trials winter durum wheat genotypes to stem, leaf and yellow rusts. III. Balkan Agriculture Congress, 29 August - 1 September, 2021, Edirne, Turkey. P:154 - (Poster presentation)
- Akci Nilüfer, Akan Kadir, Yazar Selami, Salantur Ayten, Özdemir Bayram, Alyamaç Mehmet Emin, **Kılıç Gökhan**, Dönmez Emin, Tülek Adnan, Öztürk İrfan, 2021. Reactions of some advance yield trials bread wheat genotypes to rusts and bunt. III. Balkan Agriculture Congress, 29 August - 1 September, 2021, Edirne, Turkey p:153 (Oral presentation)
- Cuma KARAOĞLU, Ayten SALANTUR, Fatih ÖLMEZ, Emine Burcu TURGAY, **Gökhan KILIÇ**, Tansu KARAOĞLU, Zemran MUSTAFA 2021. Rapid Development of Bread Wheat Lines Resistant to Warrior Yellow Rust Race (*Puccinia striiformis* f.sp. tritici). III. Balkan Agriculture Congress, 29 August - 1 September, 2021, Edirne, Turkey p:153 (Oral presentation)
- Yazar Selami, Özdemir Bayram, Salantur Ayten, Alyamaç Mehmet, **Kılıç Gökhan** and Avcı Muhsin 2019. Implementing hulled wheats into modern wheat breeding program. Wheat Diversity and Human Health Conf. 22-24 July 2019 İstanbul-Türkiye (Poster Presentation No:57)



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7. K. Akan, M. E. Alyamaç and **G. Kiliç**, 2017. The Reactions to Rusts of Preliminary Yield Trial White Winter Bread Wheat Materials, Poster Sunumu, 2nd International Balkan Agricultural Congress, 16-18 May 2017

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

1. **Kiliç, G.** ve Türk, M. 2017. Farklı Azot Dozlarının Kamışsı Yumak (*Festuca arundinacea* L.) Çeşitlerinin Çim Alan Performansı Üzerine Etkileri, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi Cilt 21, Sayı 1, 31-37, 2017

▪ **National Papers, Seminars, etc.**

1. Kaplan Evlice, A., Pehlivan, A., Keçeli A., Şanal, T., Özderen, T., Ünsal, F., Salantur, A., **Kiliç, G.** ve Belen, S. 2017. Makarnalık Buğday (*Triticum durum* Desf.) Kalitesinin Değerlendirilmesinde Glutograf Analizi ve İslahta Kullanımı, 12. Tarla Bitkileri Kongresi, 12-15 Eylül 2017, Kahramanmaraş, s. 416.



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▪ **OTHER PUBLICATIONS**

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

1. The Effect of Different Levels of Salt Irrigation Water Applications on Germination, Grass Yield and Quality of Sorghum Sudanese Hybrid Varieties (Master Thesis)
2. PARSAK Dursun, ERDAL Şekip, **KILIÇ Gökhan**. 2020. An Overview On Einkorn Wheat (*Triticum Monococcum* L.) And Its Grain Nutritional Composition. Cereal Grain: Productions And Improvement (Ed. ÇIĞ Fatih) Chapter 3. (47-64) İksadyayınevi. Ankara.
3. Determining the Genotype x Environment Interactions for Iron and Zinc Content of Some Durum Wheat Cultivars Developed With Interspecies Crosses- (PhD Thesis)



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

■ Membership

1. Plant Breeders Association of Turkey (BİSAB)

■ Training

1. Communication Techniques and Agricultural Extension Methodology 16-27 September 2013 (UTEM, ANKARA, TURKEY)
2. Presentation Techniques and Use of Training Tools 26.05-06.06 2014 (UTEM, ANKARA, TURKEY)
3. Project Preparation and Project Cycle Management 24.11-05.12 2014 (UTEM, ANKARA, TURKEY)
4. Advanced Course Predictive Breeding Tools for Intensive and Sustainable Production Under Climate Change Scenarios, 24 Oct, 2021, Online Modality

■ Awards and Scholarships

1. CIHEAM Scholarship for Advanced Course Predictive Breeding Tools for Intensive and Sustainable Production Under Climate Change Scenarios

■ Developed varieties

- | | |
|--------------|-------------|
| 1. KIŞLA | Bread Wheat |
| 2. HAMİTBİY | Bread Wheat |
| 3. DEMİRHAN | Bread Wheat |
| 4. AYTENABLA | Bread Wheat |
| 5. ÇAVUŞ | Bread Wheat |
| 6. VEHBİBEY | Durum Wheat |
| 7. FAZILBEY | Bread Wheat |
| 8. SELAMİBEY | Bread Wheat |
| 9. BAYRAM | Bread Wheat |
| 10. AYAZ | Bread Wheat |
| 11. KÜRŞAD | Bread Wheat |
| 12. ERBAŞ | Bread Wheat |
| 13. MERGÜZE | Einkorn |
| 14. ATASIYEZ | Einkorn |
| 15. KAFKAS | Emmer |