



TAGEM
R&D AND INNOVATION

FIELD CROPS CENTRAL RESEARCH INSTITUTE
ANKARA

BARAN ARAS, MSc Agricultural Engineer

EDUCATION

Assoc. prof

PhD
2018-Ongoing
Ankara University
Institute of Science, Field Crops

MSc
2010-2012
Ankara University
Institute of Science, Field Crops

Bachelor's Degree
2001-2005
Harran University
Faculty of Ag., Agricultural Technology

LANGUAGE
English 2018 YÖKDİL 81,25
English 2018 YDS 62,50

CAREER

2010-... Ag. Engineer, Field Crops Central Research Institute-
ANKARA

2009-2010 Ag. Engineer, Gen.Dir. of Protection and Control-
ANKARA

2006-2009 Ag. Engineer, Directorate of Provincial Agriculture-
NEVŞEHİR

1998-2006 Technician, Directorate of Provincial Agriculture-
DİYARBAKIR

ABOUT ME

I was born in Diyarbakır. I graduated from Beydere Agricultural Technical High School in 1996 and from Harran University Faculty of Agriculture in 2005.

Since 1998, I have worked in different provinces (Diyarbakır, Adana, Nevşehir) and units for the Ministry of Agriculture. I have been working at the Field Crops Central Research Institute since 2010. I worked on basic seed production in field crops. Also, I am working on cultivation techniques/agronomy in field crops.

CONTACT

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■ **PROJECTS**

■ **Projects Conducted**

1. Breeding of Perennial Pasture Type Forage Crop Varieties, 2015-2020/ TÜBİTAK-1003, NO: 214O079 (Researcher).

■ **Ongoing Projects**

1. Crop Rotation Studies for Central Anatolia Region (TAGEM, 2020-2024) /TAGEM/TBAD/B/20/A7/P1/1914 (Researcher).
2. The Effect of Foliar and Basal Fertilizer Applications on Yield and Yield Components in Chickpea Grown at Different Plant Densities (TAGEM, 2021-2024) / TAGEM/TBAD/B/21/A7/P3/2689 (Researcher).
3. Research on Increasing Iron, Zinc or Selenium Content in Chickpeas and Lentils (TAGEM, 2022-2026) (Researcher).
4. The Effect of Different Crop Rotation and Tillage Applied in Ankara Conditions on Yield and Quality Traits of Wheat (BAP, 2021-2022) / Ankara University, BAP 21L0447003 (Researcher).



BARAN ARAS, MSc Agricultural Engineer



■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. **Aras, B.** 2019. Current Situation of the Seed Sector in Turkey, the Problems and Suggestions. Journal of the Institute of Science and Technology, 9(3), 1763-1775. DOI: 10.21597/jist.531701.

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

1. Yücel, G., Savaş Tuna, G., Şahin, B., Yılmaz, E.C., Bayhun, G., Doğan, E., Özer, S., Özkan, N., **Aras, B.**, Kara, İ., Efe, B., Aygün, C., Ünal, S. ve Tuna, M. 2017. Determination of nuclear DNA content and ploidy of fescue populations collected from Central Anatolia Region of Turkey by flow cytometer. 2nd International Balkan Agriculture Congress (AgriBalkan), May 16-18, Book of Abstracts, p.177, Tekirdağ.
2. Savaş Tuna, G., Şahin, B., Yücel, G., Aygün, C., Kara, İ., Şahin, B., Ünal, E., Bilen, B., Ünal, S., **Aras, B.**, Işık, Ş., Acar, R., Aksakal, E., Dumlu, S.E., Terzioğlu, K., Uzun, M., Cebeci, H., Özgöz, M.M., Atıcı, M., Nizam, İ., Cabi, E., Tuna, M. (June, 2017). Nuclear DNA content and ploidy determination in Agropyron cristatum (L.) Gaertn. populations collected from diverse regions of Turkey by flow cytometer. Poster presentation: 8th International Triticeae Symposium, 13 th Gatersleben Research Conference: June 12-16, 2017. Wernigerode/Gatersleben, Germany.

■ **NATIONAL ARTICLES AND PAPERS**

■ **Articles Published in National Journals**

1. **Aras, B.** and Uygun, S. 2017. Principles of Nitrogen Fertilization and Nitrogen Fertilization in Barley. Ziraat Mühendisliği, (364), 18-29. <https://dergipark.org.tr/tr/pub/zm/issue/37761/436289>.

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



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▪ **OTHER PUBLICATIONS**

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

1. Aras, B. 2012. The Situation of Oil Plants in Crop Rotation of the Central Anatolian Region. Master Seminar (Unpublished), Ankara University, Institute of Science, Department of Field Crops, p.123, Ankara.
2. Aras, B. 2019. Crop Rotation in Wheat Farming. Doctoral Seminar (Unpublished), Ankara University, Institute of Science, Department of Field Crops, p.110, Ankara.



BARAN ARAS, MSc Agricultural Engineer



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

▪ **Membership**

Türk Ziraat Yüksek Mühendisleri Birliği/TZYMB (an agricultural engineers association)

▪ **Trainings and Courses Attended**

1. Introduction to Computer-Directorate of Agricultural Production Enterprise, Agricultural Extension and in-service Training Center, Adana-2008
2. Training: 17025-General Requirements for the Competence of Testing and Calibration Laboratories-Turkish Accreditation Agency&National Food Reference Laboratory, Ankara-2010
3. Basic English Course-The Turco-British Association, Ankara-2011
4. Beekeeping Course-Directorate of Provincial Agriculture, Ankara-2013
5. Combine Harvester Training Course-International Agricultural Training Center, Ankara-2013
6. Project Cycle Management and Funding Sources-International Agricultural Training Center, Ankara-2013
7. 1st Level Statistics Education-Field Crops Central Research Institute, Ankara-2014
8. 2nd Level Statistics Education-Field Crops Central Research Institute, Ankara-2014
9. Occupational Health and Safety Trainings-International Agricultural Training Center, Ankara-2017,2019
10. Language Exam (YDS) Preparation Course-English Exam Center (EEC), Ankara-2018
11. Statistics & Use of JMP Software (online training)-General Directorate of Agricultural Research and Policies, Ankara-2020
12. Drought Physiology Studies in Wheat (online training)-General Directorate of Agricultural Research and Policies, Ankara-2020
13. Plant Nutrition and Fertilization (online training)-General Directorate of Agricultural Research and Policies, Ankara-2020
14. Evaluation of the Technological Quality of Wheat Grain (online training)-General Directorate of Agricultural Research and Policies, Ankara-2020