



TAGEM
R&D AND INNOVATION

MAIZE RESEARCH INSTITUTE/ SAKARYA



BÜLENT CENGİZ, MSc

Food Engineer

EDUCATION

- MSc**
2007
Namık Kemal University
Institute of Science, Dep. of Food Eng.
- Bachelor's Degree**
1999
Atatürk University
Food Engineering


CAREER

- 2021- present, Manager, Maize Research Institute
- 2020-2021 Deputy Manager, Maize Research Institute
- 2001-2021 Researcher, Maize Research Institute
- 1999-2001 Engineer Republic Of Turkey Ministry Of Food, Agriculture And Livestock, Bolu / TURKEY
- 1995-1999 Agriculture Technician Republic Of Turkey Ministry Of Food, Agriculture And Livestock, Erzurum / TURKEY
- 1993-1995 Agriculture Technician Republic Of Turkey Ministry Of Food, Agriculture And Livestock, Malatya/ TURKEY


ABOUT ME

He was born in Malatya in 1975. He graduated from Malatya Agricultural Vocational High School in 1993 as an Agricultural Technician. He started to work as a civil servant in the same year. In 1999, he graduated from Atatürk University, Faculty of Agriculture, Department of Food Engineering. In 2007, he completed his master's degree in Namık Kemal University, Department of Food Engineering. He has been working at Sakarya Maize Research Institute since 2001. He has done studies and projects on Edible Grain Legumes, Corn and Wheat Quality. He registered 1 Dried Bean (Adabeyazı) and 1 Red Kidney Bean (Adayakut).

CONTACT

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BÜLENT CENGİZ, MSC Food Engineer



▪ **PROJECTS**

▪ **Projects Conducted**

Project Term	Supporting Institution	Employment in Project	Project Title
2015 – 2018	TAGEM	Leader	Corn Quality Values Determination of National Breeding Materials
2016- 2019	TÜBİTAK 3501	Researcher	Evaluation of 8 x 8 Full Diallel Maize Crosses for Lysine and Methionine Amino acid Content and Development of Quality Protein Doubled Haploid Maize Inbred Lines Using In-vivo Maternal Haploid Technique
2014 – 2018	TAGEM	Researcher	Marmara Region Maize Breeding Research Project / Quality
2014 – 2018	TAGEM	Researcher	National Maize Integrated Crop Management Project/ Quality
2011 – 2015	TÜBİTAK	Researcher	Obtaining and Use of Dihaploid Lines in Maize Breeding
2014 – 2018	TAGEM	Researcher	Marmara Region Maize Breeding Research Project
2014 – 2018	TAGEM	Researcher	Dry Bean Breeding Research for Marmara Region
2015 - 2016	Sabancı University	Researcher	Exploitation of Spelt Wheat and Wild Emmer in Improving Grain Zinc and Iron Concentrations of Modern Wheat and Evaluation of the Zinc Fertilizer Trails Conducted in Target Countries/ Quality
2014 – 2018	TAGEM	Researcher	National Maize Integrated Crop Management Project
2014 - 2018	TAGEM	Researcher	Bread Wheat Breeding Studies In Southern Marmara Region/ Quality
2020- Present	Turkey, IWWIP	Researcher	International Winter Wheat Improvement Program(IWWIP) / Quality

TÜBİTAK : THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY

TAGEM : GENERAL DIRECTORATE OF AGRICULTURAL RESEARCH AND POLICIES

Registered Varieties: Dried Bean (Adabeyazı-2016) and 1 Red Kidney Bean (Adayakut-2020).

Ongoing Projects

1. 2020 – 2024 /TAGEM/ Corn Quality Values Determination of National Breeding Materials / Project Leader
2. 2020 – 2024 / TAGEM/ Bread Wheat Breeding Studies In Southern Marmara Region/ Quality / Researcher
3. 2020 – 2024 /TAGEM/ National Maize Integrated Crop Management Project / Researcher
4. 2020 – 2024 / TAGEM/ Western Mediterranean Region Corn Breeding Studies/ Researcher (Quality)



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■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

1. Ş. Erdal, A. Öztürk, R. Cengiz, M. Pamukçu, C. Dinçer, **B. Cengiz**, 2021. Interaction Of DZr1, Opaque-2 And Normal Endosperm Maize Inbred Lines For Grain Yield And Protein Quality Turkish Journal Of Field Crops 26(1), 35-43
2. Ş. Erdal, R. Cengiz, A. Öztürk, M. Pamukçu, C. Dinçer, **B. Cengiz**, M.P. Scott., 2020. Mısırdaki Bazı Özelliklerin Genetik Analizi İçin İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 10(3): 2153-2167, 2020 Journal of the Institute of Science and Technology, 10(3): 2153-2167, 2020 ISSN: 2146-0574, ISSN: 2536-4618
3. Cengiz, R., Duman, A., **Cengiz, B.**, Akarken, N., Sezer M.C., 2020. Silaj Kalite Değerlerine Göre Sentetik Mısır Kaynak Materyalleri Geliştirme İçin İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 10(4): 3064-3075, 2020 Journal of the Institute of Science and Technology, 10(4): 3064-3075, 2020 ISSN: 2146-0574, eISSN: 2536-4618
4. Ş. Erdal, A. Öztürk, R. Cengiz, M. Pamukçu, C. Dinçer, **B. Cengiz**, M.P. Scott. 2019. Genetic Relationships Among DZr1, Opaque2 and Normal Endosperm Maize Inbred Lines for Methionine and Lysine Amino Acid Composition. ISSN: 1573-5060, Euphytica.
5. Erdal, Ş., Cengiz, R., Pamukcu, M., Öztürk, A., Dinçer, C., **Cengiz B.**, Scott, M.P. 2018. Diallel analysis of temperate maize germplasm for lysine and methionine amino acid content and studies for developing quality doubled haploid lines. 13th Asian Maize Conference and Expert Consultation on "Maize for Food, Feed, Nutrition and Environmental Security". 8-10 October, Ludhiana, India.
6. Cengiz R., **Cengiz B.**, Esmeray M., Sezer M.C., Akarken N., Özbey A.E., Duman A., 2018. Development of High Protein And High Oil Synthetic Maize Source Materials. 4th ICC Latin American Cereals Conference. 11-14 March 2018, Mexico City, Mexico. Conference Book, p: 135.
7. Cengiz, R. **Cengiz B.** Esmeray, M. Sezer, M. C. Akarken, N. A. Duman, A. Özbey. E. 2018. Increasing of Protein and Oil Ratio in Corn. 13th Asian Maize Conference on "Maize for Food, Feed, Nutrition and Environmental Security". 8-10 October 2018, Ludhiana, India. Conference Abstract Book, p: 124.
8. Cengiz, R. **Cengiz B.** Esmeray, M. Sezer, M. C. Akarken, N. A. Duman. 2018. Development of Waxy (Zea mays ceratina) Corn Hybrids. 13th Asian Maize Conference on "Maize for Food, Feed, Nutrition and Environmental Security". 8-10 October 2018, Ludhiana, India. Conference Abstract Book, p: 125
9. **Cengiz B.**, Karabulut Z., Cengiz R., Esmeray M., Sezer M.C., Akarken N., Özbey A.E., Duman A. 2017. Determination of Protein and Sugar Rate Characteristics In Cultivated Different Location Some Sweet Corn Candidate Varieties. 2nd International Balkan Agriculture Congress 16-18 May. 2017. Tekirdağ/Turkey.
10. Cengiz R., **Cengiz B.**, Esmeray M., Sezer M.C., Akarken N., Özbey A.E., Duman A. 2015. Development of Waxy (Zea mays ceratina) Corn Hybrids. International Plant Breeding Congress-II. 01-05 November, Antalya/Turkey. ÇANAKKALE-2015.
11. **Cengiz B.**, Karabulut Z., Demir L., Orhan Ş., Canigeniş G., Özseven, İ. 2017. Determination of Quality Characteristics of Some Bread Wheat Lines and Varieties Grown in East and South Marmara Ecological Conditions. 2nd International Balkan Agriculture Congress 16-18 May. 2017. Tekirdağ/Turkey. (Poster)
12. 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. (Poster)
13. Cengiz R., **Cengiz B.**, Esmeray M., Sezer M.C., Akarken N., Özbey A.E., Duman A. 2015. Development of Waxy (Zea mays ceratina) Corn Hybrids. International Plant Breeding Congress-II. 01-05 November, Antalya/Turkey.
14. Cengiz R., **Cengiz B.**, Esmeray M., Sezer M.C., Akarken N., Özbey A.E., Duman A. 2014. Development of Synthetic Source Materials Considering to Protein and Oil Content in Kernel. International Mesopotamia Agriculture Congress. 22-25 September 2014, Diyarbakır, Turkey.
15. **Cengiz B.**, Y. Nogay, M.M. Tunalı ve 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.
16. **Cengiz B.**, 2010 Geleneksel süt ürünlerinden Kefir ve Kimiz". 1. Uluslararası "Adriyatik'ten Kafkaslar'a Geleneksel Gıdalar Sempozyumu, s 194 s, 15-17 Nisan, Tekirdağ.