



TAGEM
R&D AND INNOVATION

BLACK SEA AGRICULTURAL RESEARCH
INSTITUTE / SAMSUN

DR. ERKAN ÖZATA

Agricultural Engineer (PhD)

EDUCATION

- Assoc. prof**
- PhD** 2007-2013 Ankara University
G. School of Natural and Applied Sc.
- MSc** 2002-2005 Ordu University
G. School of Natural and Applied Sc.
- Bachelor's Degree** 1996-2002 Karadeniz Technical University
Ordu Faculty of Agriculture, Field
- LANGUAGE** English UDS 63

CAREER


- 2009- - Researcher – Black Sea Agricultural Research Institute - SAMSUN
- 2007-2009 - Researcher – Field Crops Research Institute - ANKARA
- 2006-2007 Engineer- Düzce Provincial Directorate of Agriculture
- 2005-2006 - Research Assistant – Ordu University, Graduate School of Natural and Applied Sciences - SAMSUN

ABOUT ME


He was born in Ordu/1981. In 2003, he graduated from Karadeniz Technical University, Ordu Faculty of Agriculture. In 2007, he completed his master's degree in Ordu University, Institute of Science and Technology, Department of Field Crops. He completed his PhD mdegree in Ankara University, Institute of Science and Technology, Department of Field Crops in 2013.

He continues his studies in the Warm-Season Grains at the Black Sea Agricultural Research Institute.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Production of Liquid Chemical Fertilizers Suitable for Plants Grown under Wet and Dry Conditions and Comparison of their effect with Conventional Solid Chemical Fertilizers and Development of Suitable Machines for the Use of Liquid Fertilizers. TAGEM-Özel ARGE- Assistant Researcher (2018-2021)
2. Developing High Adaptation Ability High Yielded, Quality, Local Popcorn Inbred Lines And Hybrid Varieties- TÜBİTAK (2015-2018) -Project Manager
3. Black Sea Region Corn Breeding Studies –TAGEM (2014- 2018) Project Manager
4. National Corn Breeding Studies - TAGEM – Assistant Researcher (2014-2018)
5. Introducing Silage Corn Varieties to Central Black Sea Region Producers EYYDB 2014-2016 Project Manager
6. The Effect of Plant Density and Nitrogen Doses on Fresh Cob Yield and Yield Components in Sweet Corn Zea mays saccharata Sturt. -TAGEM (2011-2013) Yürütücü
7. Black Sea Region Corn Breeding Studies -TAGEM (2009- 2013) Assistant Researcher /manager
8. National Corn Breeding Studies - TAGEM - Assistant Researcher 2009-2013
9. Central Anatolia Region Rotation Studies -TAGEM (2007-2009) Assistant Researcher

▪ **Ongoing Projects**

1. Black Sea Region Corn Breeding Studies –TAGEM Project Manager
2. National Corn Breeding Studies-TAGEM Assistant Researcher
3. Determination of Appropriate Carrier Materials of Some Phosphorus Dissolving Bacteria in Rock Phosphate and Effect on Corn Grain Yield -TAGEM- 2020-2022 Assistant Researcher



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Özata, E. 2021. Yield and Quality Stabilities of Waxy Corn Genotypes using Biplot Analysis. International Journal of Life Sciences and Biotechnology, 2021. International Journal of Life Sciences and Biotechnology. 4(1): 61-89.
2. Özata, E. 2020. Evaluation of genotype x environment relationship in silage maize genotypes using biplot analysis and stability index Turkish Journal of Food and Agriculture Sciences 22: 50-61.
3. Özata, E.. 2019. Evaluation of Fresh Ear Yield and Quality Performance in Super Sweet Corn. International Journal of Life Sciences and Biotechnology. 2019. 22: p. 80-94.
4. Özata E., Ünver İkincikarakaya, S ve Öztürk, A. 2018. Correlation and path coefficient analysis for some ear yield related traits in popcorn Zea mays var. everta. International Scientific Journal Journal of Agricultural, Food and Environmental Sciences Vol. 72, No 2, September 2018, p:169-174, ISSN 2545- 4315.
5. Erdal, Ş. Öztürk, A., Pamukçu, M., Özata, E., Sezer, C. 2018. Public popcorn breeding studies of Turkey. Ekin Journal Crop Breeding and Genetics July 2018, Volume 42 Issue 2 p; 1-7.
6. Erdal, S. Cengiz, R., Öztürk, A., Pamukçu, M., Özata, E., Duman, A. 2017. Developing silage maize hybrids with the cooperation among public agricultural research institutes of Turkey. Eurasian Agricultural Research 1 2:52-56.
7. Erdal, Ş., Özata, E., Pamukçu, M., Savur, O., Tezel, M., Cengiz, R. 2012. Additive main effects and multiplicative interactions analysis of yield in popcorn Zea mays everta L. hybrids, Mediterranean Agricultural Sciences: 25- 1:117-121.

▪ **International Papers, Seminars, etc.**

1. Özata, E., Öztürk, A., Ünver İkincikarakaya, S. 2018. The Determination of Silage Yield and Quality Traits of Candidate Hybrid Maizes Hybrids. Ekin Journal Crop Breeding and Genetics January 2018, Volume 41 Issue 2 p; 31-40
2. Özata, E., ve Kapar, H. 2017. Evaluation of Yield and Quality of Dent Corn Variety Candidates Developed from Different Genetic Sources under Main Product Conditions. International Congress of Agriculture and Environment Antalya, TURKEY 16-18 November 2017.
3. Özata, E., ve Kapar, H. 2017. Determination of Performance of Candidates Corn Variety Developed from Elit Lines with High Combination Capability. International Congress of Agriculture and Environment Antalya, TURKEY 16-18 November 2017.
4. Özata, E., Ünver İkincikarakaya, S., 2017. Correlation And Path Coefficient Analysis for Some Fresh Ear Yield Related traits in Sweet Corn Zea mays sacchorata sturt. International Conference on Agriculture, Forest, Food, Sciences and Technologies, Nevşehir 15-17 May 2017. p: 876
5. Öztürk, A., Erdal, Ş., Özata, E., 2017. Utilization and Future of Special Corn Types in Turkey. International Conference on Agriculture, Forest, Food, Sciences and Technologies, Nevşehir 15-17 May 2017. p: 820.
6. Öztürk, A., Erdal, Ş., Pamukçu, M., Özata, E., Çoşkun, Y., 2017. Performances of Experimental Popcorn Hybrids in Three Geographical Regions of Turkey Based on Yield and Quality Traits Proceedings of III. International Plant Breeding Congress. Kyrenia, TRNC. October 15 - 19, 2017.



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7. Öztürk, A., Erdal, Ş., Pamukçu, M., Özata, E., Sezer C. 2017. Public popcorn breeding studies of Turkey. Proceedings of III. International Plant Breeding Congress. Kyrenia, TRNC. October 15 - 19, 2017.
8. Özata, E., Öztürk, A., Ünver İkincikarakaya, S. 2017. The Determination of Silage Yield and Quality Traits of Candidate Hybrid Maizes October of III. International Plant Breeding Congress. Kyrenia, TRNC. 15 - 19, 2017.
9. Özata, E., Öztürk, A., Ünver İkincikarakaya, S. 2017. Correlation And Path Coefficient Analysis for Some Ear Yield Related traits in Pop Corn Zea mays var everta. 3rd International Symposium for Agriculture and Food. 18-20 October 2017. Ohrid, Macedonia.
10. Özata, E., ve Ünver İkincikarakaya, S. 2017. Correlation And Path Coefficient Analysis for Some Fresh Ear Yield Related traits in Sweet Corn Zea mays Sacchorata sturt. Abstract proceeding book of Icafof conference p :556
11. Öztürk, A., Erdal, Ş., Pamukçu, M., Özata, E., 2017 Utilization and Future of Special Corn Types in Turkey Abstract proceeding book of Icafof conference p :820
12. Özata, E., Geçit, H, H., 2014. Effect of Different Plant Densities and Nitrogen Doses on Fresh Ear Yield and Yield Components on Sweet Corn Zea mays saccharata Sturt. Balkan Agriculture Congress, September 8-10, 2014, Edirne.
13. Özata, E., Geçit, H, H., 2014. Effect of Different Plant Densities and Nitrogen Doses on Fresh Ear Yield and Yield Components On Sweet Corn Zea mays saccharata Sturt. International Mesopotamia Agriculture Congress, September 22-25, 2014, Diyarbakır.
14. Yılmaz, Ö., Erdal, Ş., Özata, E., Pamukçu, M., 2012. Assessment of Popping Volume of Popcorn Hybrids Grown in North and South Turkey. International Scientific-Experts Congresson Agriculture ana Food Industry , Book of Abstracts p:145, İzmir.

▪ NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

1. Öztürk, A., Özata, E., Erdal, Ş., Pamukçu, M. 2019. Use and future of special corn types in Turkey. International Journal of Eastern Mediterranean Agricultural Research Institute. 21: 75-90. 2019.
2. Özata, E., ve Kapar, H. 2017. Determination of Yield and Quality Traits of Silage Hybrid Corn Variety Candidates Obtained from Qualified Inbred Lines. Biotech Studies. 2017, 26 Special Issue: 161-168
3. Özata, E., Geçit, H. H., Ünver İkincikarakaya, S., 2016. The effect of different planting frequencies and nitrogen doses on yield components of sweet corn Zea mays saccharata Sturt. in Central Black Sea ecological conditions. Biotech Studies, 25 Special Issue: 74-80.
4. Özata, E., Öz. A., 2014. Determination of Yield and Quality Characteristics of Hybrid Dent Corn Candidates under Main Product Conditions. Journal of Agricultural Sciences Research 7 2: 01-07, 2014.
5. Özata, E., Kapar, H., 2014. Determination of Quality and Performance of Some Hybrid Dent Corn Zea mays indentata L. Genotypes in Samsun Conditions. Journal of Agricultural Sciences Research 7 1: 06-11, 2014.
6. Öz, A., Özata, E., Kapar, H. 2013. A Study on Breeding of Hybrid Dent Corn Zea mays indentata Sturt Variety. Journal of Agricultural Sciences Research 6 2: 019-023.
7. Özata, E., Kapar, H. 2013. Determination of Yield and Quality Characteristics of Hybrid Corn Candidates under Main Crop Conditions. Journal of Agricultural Sciences Research 6 2: 024-027.



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8. Özata, E., Kapar, H. 2013. Determination of Quality and Performance of Some Hybrid Maize *Zea mays indentata* Sturt Genotypes in Samsun Conditions. *Journal of Agricultural Sciences* 6 2: 028-031
9. Özata, E., Geçit, H. H., Öz, A., Ünver İkincikarakaya, S. 2013. Determination of Performance of Hybrid Corn Candidates in Main Crop Conditions. *Iğdır University Journal of the Graduate School of Natural and Applied Sciences* 3 1; 91-98. Iğdır.

▪ National Papers, Seminars, etc.

1. Özata, E., and Kapar, H. 2017. Determination of Yield and Quality Traits of Silage Hybrid Corn Variety Candidates Obtained from Qualified Inbred Lines. XII. Field Crops Congress. 12-15 September 2017, Kahramanmaraş.
2. Özata, E., Kapar, H., Öz, A., 2015. Determination of General Combination Capabilities and Heterotic Groups of Inbred Inbred Maize *Zea mays indentata* Sturt. Lines by Polling Hybrid Method. XI. Field Crops Congress 7-11/09/2015, Çanakkale. Volume 1. p:238-241.
3. Özata, E., 2015. Determination of Performance of Introduction Hybrid Dent Corn Varieties in Central Black Sea Conditions GAP VII. Agriculture Congress, 28 April-1 May 2015, Şanlıurfa ISBN: 978-975-7113-45-4 p: 173-178.
4. Özata, E., 2015. Determination of Silage Performance of Introduction Hybrid Corn Varieties GAP VII. Agriculture Congress, 28 April-1 May 2015, Şanlıurfa ISBN: 978-975-7113-45-4 p: 179-186.
5. Özata, E., 2015. Sweet Corn Farming. *Agromedia Magazine* May-June, 2015 ISSN:2547-6551 Issue:16 p:11-15
6. Özata, E., Geçit, H. H., 2015. Drought Resistant Varieties Development in Winter Cereals, *Harman Time Magazine*, July Issue. ISSN:2147-6004 Issue:29, page: 4-8
7. Özata, E., Geçit, H. H., 2015. Comparison of Winter Cereals in terms of Drought Resistance, *Harman Time Magazine*, April Issue ISSN:2147-6004 Issue:30, pp:15-21.
8. Özata, E., 2015. Economic Silage Corn Production Strategy *Agromedia Magazine* May- June, 2015.
9. Özata, E., Geçit, H. H., Ünver İkincikarakaya, S., 2015. The Effect of Different Sowing Frequencies and Nitrogen Doses on Some Agricultural Properties in Sweet Corn *Zea mays saccharata* Sturt. in Samsun Ecological Conditions. XI. Field Crops Congress 7-11/09/2015, Çanakkale p:242-246
10. Cengiz, R., Esmeray, M., Tezel, M., Özata, E., Erdal, S., 2011. Germplasm Development. 100 Years Workshops 100 Years with Hybrid Corn. 18-20 March 2011 Antalya.
11. Öner, F., Aydın, İ., Sezer, İ., mutlur, A., Özata, E., Algan, D., 2011. Determination of Yield and Quality Characteristics of Some Silage Corn *Zea mays L.* Varieties. IX. Field Crops Congress. 12-15 September 2011. Bursa.
12. Pamukçu, M., Erdal, S., Savur, O., Özata, E., Toros, A., 2011. Evaluation of Performance of White Hybrid Maize Candidate Cultivars in Antalya and Samsun Conditions. IX. Field Crops Congress. 12-15 September, 2011. Bursa.
13. Özata, E., Yılmaz, N., 2009. Determination of Important Agricultural Characteristics Affecting Grain Yield of Dry Bean Varieties in Ordu Ecology Turkey VIII. Field Crops Congress, 19-22 October 2009, Hatay.
14. Özata, E. 2008. Evaluation of Our Winter Cereal Varieties in Terms of Drought Resistance. Ankara University Institute of Science and Technology Seminar 2008.



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▪ **OTHER PUBLICATIONS**

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

1. The Effect of Plant Density and Nitrogen Doses on Fresh Cob Yield and Yield Components in Sweet Corn *Zea mays saccharata* Sturt.. Ankara University Institute of Science and Technology. 2013. Thesis No: 338161.
2. Determination of Important Agricultural Characteristics Affecting Grain Yield of Dry Bean Varieties in Ordu Ecology. Ordu University Graduate School of Natural and Applied Sciences 2007.
3. Ozata, E., Erken, A.B., Taş, T., Erbil, E., 2020. Assessment Of The Methods To Determine The Resistance To Common Pests *Sesamia. nonagrioides* Lefebvre and *Ostrinia nubilalis* Hübner corn *Zea mays* L. plants Academic Studies in Agriculture, Forestry and Aquaculture Sciences – II p: 13-32.
4. Erdal, S., Öztürk, A., Pamukcu, M., Özata, E. Coşkuner, Y., Kapar, Kara, B.,2020 Assessment Of Popcorn *Zea mays* L. Breeding lines to heteroic Groups Cereal Grain: Production and Improvement p:3-20.

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