



TAGEM
R&D AND INNOVATION

BLACK SEA AGRICULTURAL RESEARCH
INSTITUTE/ SAMSUN

MUSTAFA ACAR

Agricultural Engineer

EDUCATION

- Assoc. prof
 - PhD
 - MSc
 - Bachelor's Degree Tokat Gaziosmanpaşa Üniversitesi
1994-1999 Ziraat Fakültesi
- LANGUAGE** İngilizce

CAREER

- 1990-1993 Mardin Provincial Directorate of Agriculture -
Technician
- 1993-1995 Sinop Turkeli District Directorate of Agriculture -
Technical
- 1995-2000 Tokat Turhal Agricultural District Directorate -
Technical
- 2000 - 2011 Directorate of the Black Sea Agricultural Research
Institute - Engineer
- 2011- ~ Directorate of the Black Sea Agricultural Research
Institute - Head of the Department

ABOUT ME

He was born in 1972 in Amasya Gümüşhacıköy. He graduated from Amasya Gökhöyük Agricultural Vocational High School in 1990 and started working at the Provincial Directorate of Agriculture of Mardin in the same year. From Trakya University, Edirne in 1993 M.Y.O.he graduated from Tokat Gaziosmanpaşa University, Faculty of Agriculture, Department of Soil in 1999. in 2000, he started working on the Cultivation Technique at the Black Sea Agricultural Research Institute, and then worked on industrial crops, organic agriculture, field crop breeding and energy

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Determination of the Optimal December Nitrogen Dose and Seed Quantity for Rapeseed in the Central Black Sea Coast Belt and Gorge Region
2. Determination of the Performance of Rapeseed And Wheat in October Vigil With Soy And Corn in the Black Sea Region
3. Opportunities for the Development of Oilseed Crop Production in Central Anatolia and the Gorge Regions
4. Investigation of the Erucic Acid And Glycosinolate Exchange That May Occur As a Result of Hybridization With Other And Closely Related Species in Rapeseed Grown in the Black Sea Region
5. Determination of the most suitable tillage method for corn and soy after rapeseed in the Central Black Sea coastal region
6. Organic Field Crops Research of the Black Sea Region
7. National Rapeseed Adaptation Project
8. Determination of Soybean Cultivation Techniques in the Black Sea Region (Coast Belt and Gorge Belt) of the National Rapeseed Adaptation Project
9. Research on Organic Potato Cultivation
10. Rapeseed Breeding research in the Black Sea Region - I
11. Determination of the Cultivation Techniques of Ordinary Vetch, Hungarian Vetch in the Central Black Sea Passage Region
12. Studies on the Technique of Growing Dried Beans in the Black Sea Region
13. Investigation of Harvester Grain Losses in Rapeseed Harvest
14. Rapeseed Breeding research in the Black Sea Region - II
15. Energy Crops Research Center (DPT Project)
16. Sunflower Adaptation Project of the Black Sea Region - I
17. Investigation of the Possibilities of Using Some Agricultural Waste that Poses a Problem for Our Producers and Factories as an Alternative Energy Source
18. Safflower (*Carthamus tinctorius* L.) in the Central Black Sea Passage Region.) October Time and October Frequency Determination
19. Flax Breeding Research in the Black Sea Region
20. The Flax Breeding Research Center of the Black Sea Region (*Camelina sativa* L. (Crantz)) Adaptation and Determination of Biofuel Quality
21. Developing High-Yielding Varieties / Varieties in Self-Cleaning Rapeseed Lines with High General and Special Combination Capabilities and Bringing Them to the National Economy (TÜBİTAK 1003)



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TAGEM
AR-GE & İNOVASYON

23. Supporting Public and Private Sector Capacity in Sustainable Agriculture and Bioenergy Investments (FAO)
 24. Sunflower Adaptation Project of the Black Sea Region - II
 25. Determination of Yield and Quality Characteristics of Genotypes Belonging to Different Brassica Species and their Suitability for Biodiesel (TUBITAK 1001)
 26. In the Conditions of Şanlıurfa, the Second Product is Sweet Sorghum [Sorghum bicolor (L.) Moench] Determination of Some Agricultural Characteristics, Bioethanol and Biomass Yields
 27. Determination of Agro-morphological, Yield and Quality Characteristics of Some Local Cookie Sunflower Populations
 28. Black Sea Region Hemp Research (BÜGEM)
 29. Black Sea Agricultural Research Institute Energy Agriculture Infrastructure Development Project (DOKAP)
 30. Comparison of Liquid Chemical Fertilizers Suitable for Plants Grown in Aqueous and Dry Conditions and Their Effectiveness with Traditional Solid Chemical Fertilizers And Development of Suitable Machines for the Use of Liquid Fertilizers (TAG DEC SPECIAL R & D)
 31. Development of Agricultural Techniques And Mechanization in Plants Dec Fiber From Stems (Flax- Hemp- Nettle), Reduction of Production and Processing Costs (TAGEM PRIVATE R & D)
 32. Determination of Candidates for Flax Varieties Suitable for Biodiesel According to Regions (TAG DEC SPECIAL R& D)
 33. Narlısaray Hemp Population Contracted Seed Production (TIGEM)
 34. Country Adaptation Studies of Industrial Hemp Varieties/Genotypes (PRIVATE SECTOR)
 35. Crossbreeding Cultivar Development and Establishment of Breeding Seed Propagation Greenhouses with Different Breeding Methods in the DOKAP Region (DOKAP)
- **Ongoing Projects**
1. Rapeseed Breeding Research in the Black Sea Region - III
 2. Determination of Briquetting Parameters of Some Agricultural Wastes in Coil and Hydraulic Type Briquette Machines
 3. Sustainable Biomass Utilization (GEF) in Order to Support the Development of the Turkish Economy towards a Low-Carbon Development Path
 4. Determination of Sunflower Genotypes Suitable for the Central Black Sea Passage Belt
 5. Determination of Cold Tolerant Lines in Rapeseed And Development of Domestic Hybrid Varieties /Varieties Whose Seeds Can Be Produced with Cytoplasmic Genetic Male Infertility (TUBITAK 1003)
 6. Optimization of Moisture Content and Particle Sizes for Pelletizing Some Residues of Agricultural Products (TAGEM)
 7. Investigation of the Effects of Genotype X Environmental Relations on Fatty Acids, Sterol Composition and Oil Quality in Sunflower
 8. Development of Flax, Hemp And Nettle Reinforced Polymeric Composite Materials From Fiber Plants For Use in Irrigation System Materials And Drainage Panels



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. AYTAÇ, P., INCOGNITO, Inc., ACAR, M. And SUPERIOR, A., 2006. Changes in the Content of Erucic Acid in Rapeseed Seeds in Their Generations. *Journal of Environment from Biological Sciences* 6 (2): 60-60, 2006
2. ACAR M., M. DOC, Y.K.CANER, 2013. Comparison of Organic and Conventional Popcorn (*Zea mays everta*). Nations'1. CENTRAL ASIAN CONGRESS ON MODERN AGRICULTURAL TECHNIQUES and PLANT NUTRITION', October 1-3, 2013, Çiçek, Kyrgyzstan. *JOURNAL OF SOIL AND WATER*, Volume 2 (2013) Issue 2 (1), Page: 409, Special Issue for ACRICASIA '2013.
3. AYTAÇ, P., AYAN, A., K., ACAR, M. and the CONCEALER, Inc., 2017. A Study on the Use of Whole Seeds for the Production of Biodiesel. *International Journal of Agricultural and Environmental Research*. ISSN 2455-6939. Volume: 02, Issue: 06. Pages: 1921-1930
4. AYTAÇ, P., INCOGNITO, Inc., K. SUGGEST, E. And ACAR, M., 2017. The values of glycosinolate in rapeseed varieties in their generations. *Academic Journals. Skin*. 11 (6), p. 240-243, June 2017 DOI: 10.5897/AJPS2016.1507 Article Number: C2BD76B64271 ISSN 1996-0824.
5. AYDOĞAN, M., TAILOR, Y., E., THE CONCEALER, Inc., ACAR, M., ESEN, A. AND MERAL, M. 2020. Places Where Hemp Cultivation Can Be Done Economically in Turkey: An Example of the Vezirköprü District of Samsun Province. *Anatolian Agricultural Science. Derg./Anadolu J. Agr. Sci*, 35 (2020) ISSN: 1308-8750 (Print) 1308-8769 (Environmental)
6. ERBİL, E., ADIYAMAN, C., E. STEEL, A., HATİPOĞLU, H., AKSOY, M., ACAR, M., DOC, M., 2020. In the Conditions of Şanlıurfa, The Second Product is Sweet Sorghum [*Sorghum bicolor* (L.) Moench] Determination of Some Agricultural Characteristics, *International Journal of Scientific and Technological Research*, ISSN 2422-8702 (Environment), DOI: 10.7176/JSTR/6-07-03, Vol.6, No.7.
7. ADIYAMAN, C., ERBİL, E., EFENDİOĞLU, A., HATİPOĞLU, H., AKSOY, M., ACAR, M., DOC, M. 2020. The Second Product is Sweet Sorghum [*Sorghum bicolor* (L.) Moench] Determination of the Basic Agricultural and Technical Characteristics of Moench in the Conditions of Şanlıurfa. *Journal of the Institute of Science and Technology*, 10(3), 125-132.
8. SINCİK, M., GOKSOY, A., T., ŞENYİĞİT, E., ULUSOY, Y., ACAR, M., G., AND G. ATAGÜN. AND SÜZER, P., 2021. Canola (*Brassica napus* L.) With Gge Biplot Analysis) The Response of Genotypes to Multiplexes and Data Stability. *Bioagro* 33(2): 105-114. 2021 doi: <http://www.doi.org/10.51372/bioagro332.4>.

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

1. OZCELIK, H., LONG, A., and ACAR, M. Determination of the Most Suitable Variety for Organic Chickpea Cultivation in the Conditions of the Central Black Sea (Symposium on Organic Farming-CYPRUS)3-7 FEBRUARY 2010 FAMAGUSTA/CYPRUS
2. ACAR, M., INCOGNITO, Inc., SUGGEST, E.K., 2011. Sunflower Breeding Studies in The Middle Black Sea Region. *International Sunflower Association Symposium* October 17, 2011, Kusadasi, Izmir, Turkey.
3. KARAYEL, R., INCOGNITO, Inc. And ACAR, M., 2013. Ketencik. BISAB, *International Congress on Plant Breeding*. dec. November 10-14, 2013, Antalya



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4. BILGIN S., H. YILMAZ, A. KOÇER, M. ACAR, M.DOC, P. ALPARSLAN. Briquetting of Rice Straw and Determination of the Physical Properties of Briquette. XXXVI CIOSTA & CIGR Part V Conference 2015, ENVIRONMENTALLY FRIENDLY AGRICULTURE AND FORESTRY FOR FUTURE GENERATIONS May 26-28, 2015 St. Petersburg, Russian Federation
5. DOC, M., ACAR, M. AND THE CONCEALER, INC., 2017. Investing in the Possibilities of Using Some Hazelnut Residues as Solid Fuel. IX International Hazelnut Congress. August 15-19, 2017. Samsun, Turkey
6. SAHIN, H., ACAR, M., AYAN, A., K., AYTAÇ, P., ARSLANOGLU, F., RUSTY, R. And the CONCEALER, Inc. 2019. Morphological Characterization of Nettle Lines Collected in the Black Sea Region. International Congress of Biological Agriculture and Life Sciences. November 7-8/11/2019. Lviv, Ukraine.
7. ACAR, M. 2019. Agriculture and Biofuels. 1. International Congress of Biosystem Engineering. 24-27 September 2019, HATAY
8. DOC, M., ACAR, M., STEEL, E., A., ATAGÜN, G. And AKBASH, U. 2019. Determination of the Heat Source and its Physical Properties as a Renewable Energy Source. 1. International Congress of Biosystem Engineering. 24-27 September 2019, HATAY
9. ACAR, M., DOCKING. MEMİŞ, B., 2021. Cannabis as a biofuel (Cannabis sativa L.) usage. 3. Symposium on Bioenergy Studies. Virtual, 20-21.05.2021. Oral Presentation <https://bioenergysymposium.org/>
10. DOCKING., ACAR, M., THE CONCEALER, Inc., 2021. Cannabis (Cannabis sativa L.) Determination of Solid Fuel Pellet Properties of Scrap. 3. Symposium on Bioenergy Studies. Virtual, 20-21.05.2021. Poster Presentation <https://bioenergysymposium.org/>

▪ NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

1. ACAR, M. and the BEGGAR, Inc. 2003. What Does the New Organic Agriculture Regulation Bring to Crop Production? Journal of Hasad, December 2003, Issue:223, Pages:54-57. Istanbul.
2. THE SNEAK, Inc., DOC, M., and ACAR, M. 2003. Determining the Most Suitable October Time For Rapeseed in the Central Black Sea Coast Belt. October July-September 2003. Issue:25, Pages:38-41, Ankara.
3. AYGÜN, Y. and ACAR, M., 2004. Organic Fertilizers and their Importance. Hasad Magazine, May 2004, Issue:228, Pages:68-72. Istanbul.
4. THE SNEAK, Inc., DOC, M. And ACAR, M., 2003. The Solution to the Crude Oil Deficit Is Canola. October Magazine. Issue:23. Pages: 50-55. Ankara.
5. THE DISGUISE, Sh., and ACAR, M., 2004. Fat and Its Importance for Human Health. SAMTIM, July-August 2004. Issue:5, Pages:24-25, Samsun
6. THE DISGUISE, Sh., SUPERIOR, A.ve ACAR, M., 2004. The Importance of the Miracle Plant for Soy and Turkey. Hasad Magazine, August 2004, Issue:231, Pages:18-21. Istanbul
7. THE DISGUISE, Sh., and ACAR, M., 2005. An Alternative Fuel Is Biodiesel. SAMTIM, July 2005. Pages:17-19, Samsun
8. THE SNEAK, Inc., DOC, M., and ACAR, M. 2005. Research on Rapeseed in the Black Sea Region and the Potential of Rapeseed in the Region. Hasad Magazine, January 2005, Issue:236, Pages:66-70. Istanbul.



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9. ACAR, M., INCOGNITO, Inc., DOC, M., 2005. Determining the Most Suitable October Time For Rapeseed In the Central Black Sea Passage Region. *Journal of Agricultural Sciences*, 19 (36): (2005) 110-115
10. THE DISGUISE, Sh., ACAR, M, DOK, M., 2005. Research on Rapeseed in the Black Sea Region and the Potential of Rapeseed in the Region. *SAMTIM*, January 2005. Issue:8, Pages:4-8, Samsun
11. DOK, M., and ACAR, M. 2005. Determination of the Optimal Row December For Rapeseed in the Central Black Sea Coast Belt. *Hasad Magazine*, September 2005. Issue:244, Pages:88-94, Istanbul
12. GİZLENCİ, S., and ACAR, M., 2005. An Alternative Fuel Is Biodiesel. *SAMTIM*, July 2005. Pages:17-19, Samsun
13. A., ACAR, M., DOC, M., and AYGUN, Y., 2005. Determination of the Optimal Sequence December and Seed Quantity for Medium Early and Early Soy in the Coastal Belt of the Central Black Sea Region. *Hasad Magazine*, November 2005. Issue:246, Pages:80-95, Istanbul
14. DOK, M., and ACAR, M., Determination of the Optimal Nitrogen Dose and Amount of Seeds For Rapeseed In the Central Black Sea Coastal Region. *Journal of the Hasad*, February, 2006. Issue:249, Pages:84-89, Istanbul
15. GİZLENCİ, S., and M. ACAR 2006. Biodiesel is an Alternative Fuel and Its Importance for Our Country. *Hasad Magazine*, January 2006. Issue:248, Pages:75-82, Istanbul
16. ACAR, M. And SAHİN, M., 2006. The Alternative Fuel is Biodiesel. *Ecology Magazine*, Issue:11, Pages:28-30. July-September 2006.
17. ACAR, M. And DOK, M., 2006. Aphid, Which is One of the Main Pests Seen in Rapeseed (Canola), is the Definition and Struggle of Flower Pests. *SAMTIM*, July 2006. Pages:12-15, Samsun
18. ACAR, M. And DOK, M., 2007. Determination of Yield and Yield Elements of Some Rapeseed Varieties in the Central Black Sea Coast Belt. *Hasad Magazine*, April 2007. Issue:263, Pages:83-90, Istanbul
19. ACAR, M., And SAHİN, M., 2012. Evaluation of Renewable Energy Resources in Turkey from the Perspective of Projection and Samsun. *SAMTIM*, April 2012. Pages:5-7, Samsun
20. ACAR, M., OZCELIK, H., And OZYAZICI, M. A., 2012. Determining the Most Suitable October Time for Dried Beans in the Coastal Belt of Samsun Province. *TABAD (Journal of Agricultural Sciences Research) Special Issue of the Agricultural Symposium (Prof. Dr. In Memory of Selahattin IPTASH)*. Volume:5, Issue:1, Spring 2012, Pages:55-58. Ankara
21. ONER, E. K., GİZLENCİ, S. And ACAR, M. 2013. Recent Developments in Rapeseed Agriculture. August July – August 2013, Issue: 42, Syf:58-62, *Turkish Journal of Agriculture*, July - August 2013, Issue: 42, Syf:58-62. Izmir.
22. ACAR, M. And GİZLENCİ, S., 2014. Rapeseed Production and Marketing. *The World of Farmers and Villages*. Syf:60-63. September 2014, Ankara.
23. BILGIN S., H. YILMAZ, A. KOÇER, M. ACAR, M. DOC. Briquetting Sunflower Stalks In a Conical Coil Type Briquette Machine. *JOURNAL OF THE FACULTY OF AGRICULTURE OF AKDENİZ UNIVERSITY (2014) 27(2): 91-97, ANTALYA*
24. A., M., and M., 1999., KOCAR, G., ERYILMAZ, A., ACAR, M. And DOC, M., 2015. The Status, Future and Legal Problems of Biofuels in Turkey. *Agricultural Engineering VIII of Turkey. Proceedings of the Technical Congress - 2*. Pages:1165-1199. January 12-16, 2015, ANKARA.



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25. ACAR, M. And GIZLENCI, S., 2015. Is Gasoline Produced from Corn? Tarim Türk Dergisi, March-April 2015, Issue:52, Pages:60-64. Izmir
 26. ACAR, M., 2015. Agriculture and Biofuels. Turktar Magazine. July-August 2015 Issue. Issue:224, Pages:50-53. ISSN:1303-2364. Ankara.
 27. BILGIN S., H.YILMAZ, A.KOÇER, M.ACAR, M.DOC. Pelletizing of Hazelnut Dung and Determination of the Physical Properties of Pellets. Journal of Agricultural Machinery Science. 2015, 11.(03), 265-273.
 28. BILGIN, P., KOÇER, A., YILMAZ, H., ACAR, M and DOK, M.2016. Pelletizing of Tea Plant Waste and Determination of Pellet Physical Properties (Gaziosmanpaşa University Journal of Faculty of Agriculture, (2016) 33 (Additional issue),70-80
 29. ACAR, M., 2018. Agriculture and Biofuels. Albio is a Biofuel World. Ankara
 30. ACAR, M., 2018. Energy Agriculture. La Recolte Dumonde. January-February 2018 Issue:14, Pages:66-67. Cranberry.
 31. ACAR, M. And THE BEGGAR, Inc., 2020. Turkey Hemp Projection. New Turkey, 113. Special Issue of Agricultural Policies. Syf. 310-315. May-June 2020, Ankara.ACAR, M., 2020. Turkey Biofuel Projection. New Turkey, 114. Special Issue of Agricultural Policies. Syf. 174-185. May-June 2020, Ankara.
 32. ACAR, M. 2021. Renewable Energy Source: Biofuels. Turkish Journal of Agricultural Forestry. January-February 2021, Issue 263. ISSN: 2654-303X
 33. ACAR, M. 2021. Renewable Energy Source: Biofuels. Turkish Journal of Agricultural Forestry. January-February 2021, Issue 263. ISSN: 2654-303X
- **International Papers, Seminars, etc.**
1. DOC, M., GIZLENCI, S., and ACAR, M. 2003. Oil Plant Research in the Black Sea Region. Turkey 1. Proceedings of the Symposium on Oilseeds, Vegetable Oils and Technologies. May 22-23, 2003. Istanbul.
 2. DOC, M., GIZLENCI, S., and ACAR, M. 2003. Determination of the Optimal Nitrogen Dose and Seed Quantity for Rapeseed in the Central Black Sea Passage Region. Turkey V. Congress of Field Crops October 13-17, 2003, II:151-155, Diyarbakir.
 3. GIZGENCI, S, A. USTUN, M. ACAR, M.DOC and Y. AYGUN, 2005. Determining the Most Suitable October Time for Medium Early and Early Soy in the Central Black Sea Coast Region Belt. Turkey VI. Congress of Field Crops Volume I Pages: 381-386. September 5-9, 2005 Antalya
 4. ACAR, M. And DOC, M., 2006. Comparison of Soy Produced Using Organic Input And Using Conventional Agricultural Method In Terms of Yield, Cost and Quality Criteria. III. Organic Agriculture Symposium, November 1-4, 2006, YALOVA.
 5. KARASLAN, D., HAKAN, M., GIZLENCI, S., DOC, M. AND ACAR, M., 2007. Determination of Yield Potentials of Some Rapeseed Varieties in Diyarbakir Conditions. 1. National Symposium on Oilseed Plants and Biodiesel, May 28-31, 2007. Pages:22-26, SAMSUN
 6. GIZLENCI, S., ACAR, M., DOC, M., AND AYGUN, Y., 2007. Determination of Yield and Yield Elements of Some Rapeseed Varieties in the Parade Belt of the Central Black Sea Region. 1. National Symposium on Oilseed Plants and Biodiesel, May 28-31, 2007. Page:147-151, SAMSUN



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7. DOC, M., GIZLENCI, S., ACAR, M. AND ÖZÇELİK, H., 2007. Opportunities for the Development of Rapeseed Production in the Black Sea Coastal and Inland Passage Regions. 1. National Symposium on Oilseed Plants and Biodiesel, May 28-31, 2007. Page:229-233, SAMSUN
8. GIZLENCI, S. ACAR. M. and KAYAOĞLU, Y., 2007. The Truth about Rapeseed in Turkey. 1. National Symposium on Oilseed Plants and Biodiesel, May 28-31, 2007. Page:345-353, SAMSUN
9. OZCELİK, H., DOC, M., GIZLENCI, S. And ACAR. M., 2007.Opportunities for the Development of Sunflower Production In The Black Sea Coastal And Inland Passage Regions. 1. National Symposium on Oilseed Plants and Biodiesel, May 28-31, 2007. Page:358-365, SAMSUN
10. ACAR, M., DOC, M., GIZLENCI, S. AND ÖZÇELİK, H., 2007. Opportunities for the Development of Soybean Production In The Black Sea Coastal And Inland Passage Regions. 1. National Symposium on Oilseed Plants and Biodiesel, May 28-31, 2007. Page:443-446, SAMSUN
11. GIZLENCI, S. AND ACAR, M., 2007. Determination of Yield and Yield Elements of Some Rapeseed Varieties in the Coastal and Gorge Belt of the Central Black Sea Region. VII: Field Crops Congress of Turkey. 25-27 June 2007, ERZURUM
12. ACAR, M. AND DOC, M., 2007. Comparison of Yield, Cost and Quality Criteria in Dried Beans Produced by Organic and Conventional Agricultural Methods. VII: Field Crops Congress of Turkey. 25-27 June 2007, ERZURUM.
13. DOC, M., ACAR, M. And GULER, M., 2009. Determination of the Most Suitable Tillage Method For Maize After Rapeseed In the Central Black Sea Coastal Region. VIII: Field Crops Congress of Turkey. October 19-22, 2009, HATAY.
14. ACAR, M., DOC. M. And CANER, Y.K., 2009. Comparison of Chickpeas Produced By Organic and Traditional Farming Methods in Terms of Yield, Cost and Quality Criteria. 1. Organic Agriculture Congress. November 17-20, 2009, Sanliurfa.
15. ACAR, M., GIZLENCI, S. An Overview of Biofuels. 1. International Symposium on Public-University-Industry Cooperation and the Council on Marbling. 24-27 May 2010, DIYARBAKIR.
16. DOC, M., ACAR, M., GULER,M., 2010. Determination of the Most Suitable Tillage Method For Soybean After Rapeseed In the Central Black Sea Coastal Region. 1.National Soil Water Congress. Pages 389-394. 1-4 June 2010 Eskişehir.
17. 17. GIZLENCI, S., ACAR, M. And ÖZÇELİK, H. Biomass and Energy Forestry. 1. International Symposium on Public-University-Industry Cooperation and the Council on Marbling. 24-27 May 2010, DIYARBAKIR.
18. 18. GIZLENCI, S., ACAR, M. And SAHİN, M., 2011.A Projection of Renewable Energy Sources (Biodiesel, Bioethanol and Biomass) in Turkey. Workshop on Energy Agriculture and Biofuels. 25-27 May 2011, Konya.
19. 19. ACAR, M., OZCELİK, H. and GIZLENCI, S., 2011. Determination of the Most Suitable October Time for Zülbiye Dried Bean Variety in Samsun Kavak District Conditions. Turkey 9. Congress of Field Crops. September 12-15, 2011. Bursa.
20. 20. GIZLENCI, S., ACAR, M. And ÖZÇELİK, H., SUGGEST, E.K.,2011.Determination of Yield and Yield Elements of Some Rapeseed Varieties and Lines in the Coastal Belt of the Black Sea Region. Turkey 9. Congress of Field Crops. September 12-15, 2011. Bursa.



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21. 21. GIZLENCI, S., ACAR, M, DURAN, H., DURSUN, M., 2011. The Effects of Cabinet Turnover and Location on Grain Losses in the Harvester during Rapeseed Harvest. Turkey 9. Congress of Field Crops. September 12-15, 2011. Bursa.
22. 22. ACAR, M. and GIZLENCI, S., 2011. Energy Plants Research Center. Biomass Workshop. October 7-8, 2011, Bursa.
23. 23. GIZLENCI, S. And ACAR, M., 2011. Biofuels And Their Future in Our country. Biomass Workshop. October 7-8, 2011, Bursa.
24. 24. GIZLENCI, S., ACAR, M., DURAN, H., 2012. Determination of the Effects of Feed Rate and Number of Fan Revolutions on Grain Loss in Rapeseed Harvest Threshing with Harvester. 27. National Congress of Agricultural Mechanization. 05-07.September.2012 Samsun.
25. 25. ACAR, M GIZLENCI, S. And KARACA ÖNER, E., 2012. Determination of Sunflower Lines Suitable for Slap Conditions. Tokat Symposium, November 1-3, 2012, Tokat.
26. 26. AKSOY, M., ACAR, M. and GIZLENCI, S. 2013. Optimization of Safflower Oil Methyl Ester Synthesis by Transesterification and Determination of Important Fuel Properties.3. Workshop on Energy Agriculture and Biofuels. 23-24 May 2013, Tekirdağ.
27. 27. ACAR, M., OZCELIK, H., GIZLENCI, S. And OZYAZICI, M.A. 2013. Determination of the Optimal October Frequency for Dried Beans in the Coastal Belt of Samsun Province. Turkey 10. Congress of Field Crops. 10-13 September 2013, Konya.
28. 28. GIZLENCI, S., ACAR, M. And KARACA ÖNER, E., 2013. Some Rapeseed (*Brassica napus* ssp. *oleifera* L.) Determination of the Performance of Lines and Their Types in Amasya Conditions. Turkey 10. Congress of Field Crops. 10-13 September 2013, Konya.
29. 30. GIZLENCI, S., ACAR, M., DURAN, H., SHAHIN, M. And LET IT STAND, I., 2013. Determination of the Effects of the Number of Bator Revolutions And the Amount of Decembers Between Bator and Double-operator on Grain Losses in Rapeseed Harvest Threshing with a Combine Harvester. Turkey 10. Congress of Field Crops. 10-13 September 2013, Konya.
30. CELIK, A., E., AKSOY, M., KARAYEL, R. and ACAR, M., 2013. Production of Bioethanol from Waste Potatoes.9. National Symposium on Clean Energy, Jul:18-22. 25-28 December 2013, Konya.
31. ACAR, M., 2014. Biofuel Blending Decisions of EMRA. Energy Agriculture and Biofuels 4. The National Workshop. Syf:189-194. 28-29 May 2014, Samsun.
32. GURDIL, A. K. G., DEMIREL, B., ACAR, M. And DOC, M., 2014.Characteristics of Briquettes Obtained from Some Agricultural Wastes Arising as a Result of Agricultural Activities in Samsun. Energy Agriculture and Biofuels 4. The National Workshop. Syf:123-130. 28-29 May 2014, Samsun.
33. GIZLENCI, S. And ACAR, M., 2014. Investigation of the Use Possibilities of Processed Tea Waste in the Production of Bioethanol. Energy Agriculture and Biofuels 4. The National Workshop. Syf:279-284. 28-29 May 2014, Samsun.
34. ACAR, M., GIZLENCI, S., 2015. Determination of the Performance of Some Sunflower Genotypes in the Conditions of Amasya Province. YABITED II. Congress of Vegetable Oil. May 7-9, 2015, TEKIRDAG.
35. KARAYEL R., ACAR M., CELIK, A., E., 2015. Flax (*Camelina sativa* (L.) Some Agronomic Characteristics of the Crantz) Population. YABITED II. Vegetable Oil Congress 7-9 May 2015 Tekirdağ, 127.



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▪ **OTHER PUBLICATIONS**

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

1. ACAR, M., 2017 (Book Chapter Spelling). BEFS Assessment For Turkey. Sustainable Bioenergy Options From Crop and Livestock Residences. Food and Agriculture Organization Of The United Nations - 64. ISSN 2226-6062
2. GIZLENCI, S., ACAR, M., YIĞEN, Ç. And AYTAÇ, P., 2019. Hemp Farming (Book). Directorate of the Black Sea Agricultural Research Institute, 2019, SAMSUN
3. GIZLENCI, S., ACAR, M., KORKMAZ, A. and SEYIS, F., 2005. The Book of Rapeseed (Canola) Agriculture. 2005, Samsun
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8. Rapeseed Farming is a Book. 2021. Department of Education and Broadcasting Ankara
9. Hemp Farming Book. 2021. Department of Education and Broadcasting Ankara

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

1. Editorial Board of the Journal of Bioenergy Studies
2. 1.Bioenergy Symposium Organizing Committee
3. 2.Bioenergy Symposium Organizing Committee
4. 3.Bioenergy Symposium Organizing Committee
5. 4.Bioenergy Symposium Organizing Committee
6. Plant Breeding Course April 24-28, 2000
7. Technique of Growing Plants September 13-17, 2004
8. April May 29 – May 3, 2002 Statistics and Trial Technique
9. Statistics and Essay Technique 2. Level Training February 21-25, 2005
10. 9. December Jul 25-28, 2013 Clean Energy Symposium
11. Industrial Hemp Reality Panel May 2-3, 2018
12. 1. International Biosystem Engineering Congress September 24-27, 2019
13. Energy Agriculture and Biofuels 5. Workshop May 21-22, 2015



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14. TMMOB Turkey Agricultural Engineering 7. Technical Congress January 12-16, 2015
15. YABİTED 2. Vegetable Oil Congress May 7-9, 2015
16. 9. Field Crops Congress 12-15 September 2011
17. Renewable Energy Source, Biomass Workshop and Exhibition October 7-8, 2011
18. International Symposium on Sunflower Genetic Resources 16-20 October 2011
19. Agricultural Symposium April 20-23, 2012
20. Turkey 5. Congress of Field Crops October 13-17, 2003
21. 10. Field Crops Congress 10-13 September 2013
22. Energy Agriculture and Biofuels 3. National Workshop May 23-24, 2013
23. 1. National Symposium on Oilseed Plants and Biodiesel May 28-31, 2007
24. In The Context of The FAO-EBRD Project on "Supporting Public and Private Sector Capacities in Sustainable Agricultural and Bioenergy Investments" 2-3 June 2015
25. 1. Symposium on Public-University-Industry Cooperation with International Participation 2010
26. Tokat Symposium November 1-3, 2012
31. National Agricultural Mechanization and Energy Congress 5-7 2018
27. Turkey 7. Field Crops Congress 25-27 June 2007
28. Turkey 3. Organic Agriculture Symposium 1-4 November 2006
29. Energy Agriculture and Biofuels May 26, 2011
30. Ecological Agriculture Education 24-29 December 2001
31. 1. GAP Organic Agriculture Congress November 17-20, 2009
32. 11. Field Crops Congress 7-10 September 2015
33. Technical Training of Senior Biomass Specialists of Turkey February 22-25, 2021
34. 2. International Congress on Renewable Energy and Energy Efficiency November 5-6, 2020
35. TS EN ISO/IEC 17025 Trainings June 15-17, 2020
36. Certificate of Achievement TAGEM 2016
37. Certificate of Appreciation KTAE Directorate 2016
38. Certificate of Appreciation TAGEM 2019