



TAGEM
R&D AND INNOVATION

TRANSITIONAL ZONE AGRICULTURAL
RESEARCH INSTITUTE/ ESKISEHIR

RAMAZAN AKIN

Agricultural Engineer

EDUCATION

- Assoc. prof
- PhD
- MSc
- Bachelor's Degree 1985-1989 Atatürk Üniversitesi Ziraat Fakültesi

LANGUAGE

CAREER

- 1996-.... Agricultural Engineer Transition Zone Agricultural Research Institute Edible Grain Legumes Unit. Eskisehir
- 993-1996 Antalya Gazipasa District Karalar Village Gözüllü Mah. Mosque I.H.
- 1991-1993 Antalya Gazipaşa District Hungarian Village Osmanağa Mosque V.İ.H.

ABOUT ME

He was born in 1965 in Manavgat. He graduated from Atatürk University, Faculty of Agriculture, Department of Food Science and Technology in 1989. He started to work in Eskişehir Transition Zone Agricultural Institute in 1996. He took part in general laboratory studies for 2 years. He is involved in variety breeding studies in the "Chickpea and Dry Bean Breeding Research" projects.

CONTACT

📍 Ziraat cad. No:396 (Karabayır yolu 6. km)
Tepebaşı – Eskişehir
26001 TÜRKİYE

🌐 ramazan.akin@tarimorman.gov.tr

☎ 0222 324 03 00-214



RAMAZAN AKIN

Agricultural Engineer



▪ **PROJECTS**

▪ **Projects Conducted**

1. Dwarf Growth Form, Dermason, Kidney Bean and Sugar Grain Type, Coarse Dried Bean Improvement Halfway Material Development Project (Public-Private Sector Project with the Exporters Union), Assistant Researcher, 72 Months, 2007-2013.
2. Semi Wrapper Development Form Dermason, Kidney Bean and Sugar Grain Types Development of Dried Bean Varieties Project (Public-Private Sector Project with the Exporters Union), Project Leader, 26 Months, 2016-2018.
3. Development of Resistance Resources Against Fusarium Species Causing Root Rot and Wilt in Chickpea (*Cicer arietinum* L.) (TAGEM Project), Assistant Researcher, 60 Months, 2015-2019.
4. Dissemination of Agricultural Innovations in Chickpea Project (EDUCATIONAL EXTENSION PROJECT), Assistant Researcher, 72 Months, 2013-2018.
5. Investigation of the Adaptation of Gum Bean (*Cyamopsis tetragonoloba* L.Taub.) to Different Regions of Turkey in terms of Grain Yield and Gum Characteristics (Tübitak, 1001), Assistant Researcher, 36 Months, 2017-2020.
6. Transational Zone Chickpea Improvement Studies, (TAGEM Project), Assistant Researcher, 2000-2012.
7. Transational Zone Dry Bean Breeding Studies, (TAGEM Project), Assistant Researcher, 2000-2012.
8. National Dry Bean Breeding Project, (TAGEM Project), Assistant Researcher, 2003-2018.
9. National Chickpea Breeding Project, (TAGEM Project), Assistant Researcher, 2003-2018.
10. Transational Zone Chickpea Breeding Studies (TAGEM Project), Assistant Researcher, 60 Months, 2013-2017.
11. Transational Zone Dry Bean Breeding Studies (TAGEM Project), Assistant Researcher, 60 Months, 2013-2017.

▪ **Ongoing Projects**

1. Chickpea Breeding Project Using Nuclear Techniques (Public-Private Sector Project with Denizli Commodity Exchange), Assistant Researcher, 96 Months, 2017-2024.
2. Passage Area Chickpea Improvement Studies (TAGEM Project), Assistant Researcher, 60 Months, 2018-2022.
3. Gateway Region Dry Bean Improvement Studies (TAGEM Project), Assistant Researcher, 60 Months, 2018-2022.
4. National Dry Bean Breeding Project, (TAGEM Project), Associate Researcher, 2019-2023.
5. National Chickpea Breeding Project, (TAGEM Project), Assistant Researcher, 2019-2023.
6. Project for the Development of Ascochyta Blight Tolerant Varieties and Half Way Material in Chickpea Plant by Generation Bypass Method, Public-Private Sector Project with Mersin Commodity Exchange), Assistant Researcher, 42 Months, 2020-2023.
7. Transition Generation Agricultural Research Institute Determination of Some Quality Characteristics of Edible Grain Legumes (Dried Beans, Chickpeas and Lentils) Breeding Materials TAGEM, Project Leader, 2010-2024
8. National Dry Bean Quality Studies, (TAGEM Project), Project Leader, 2021-2025



RAMAZAN AKIN

Agricultural Engineer



▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Mart, D., Türkeri, M., **Akın, R.**, Atmaca, E., Dumrul, SE, Çankaya, N., Öktem, AG, Yücel, D., Karaköy, T., Mart, S. And Anlarsal , AE 2021. Evaluation of Morphological, Quality and Yield Characteristics of Some Registered Chickpea (Cicer arietinum L.) Varieties in The Eastern-Mediterranean Region. Ekin Journal of Crop Breeding and Genetic. 2021, 7:2; p: 116-124.
2. Mart, D., Türkeri, M., **Akın, R.**, Atmaca, E., Yücel, D., Karaköy, T., Öktem, G., Dumrul, SE, Çankaya, N., Mart, S. Ve Can, C. 2021. Evaluation of Yield and Quality Characteristics of Advanced Chickpea (Cicer arietinum L.) Lines in Winter Sowing in the Eastern Mediterranean Region. Cukurova J. Agric. Food Sci. 36(2): 345-356, 2021.

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

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

1. Çakır,S., E. Atmaca, **R. Akın**. 2010. Edible Grain Legume Improvement Studies Conducted by the General Directorate of Agricultural Research, Journal of Standard, Turkish Standards Institute, Year 49, No. 582, pp: 50-56, November 2010, Ankara.
2. Çakır, S., **R. Akın**, E. Atmaca. 2010. How Can We Benefit from Biological Nitrogen Fixation in Chickpea Planting Fields in Eskişehir Conditions, Journal of Eskişehir Commodity Exchange, ISSN 1309-8144, Eskişehir Commodity Exchange, Year 1, Issue. 3, p: 42-45, July-December 2010, Eskişehir.
3. Çakır, S., E. Atmaca, **R. Akın**, B. Demir. 2011. Dry Bean Breeding Studies. Turkish Journal of Agriculture. Year. 6, Issue. 32, pp: 133-137. November-December-2011, Izmir.
4. Çakır, S., E. Atmaca, **R. Akın**. 2011. Chickpea (Cicer arietinum L) Anthracnose (Ascochyta rabie (Pass.) Labr.) Disease and Anthracnose-Resistant Chickpea Varieties Development Studies Conducted by Anadolu Agricultural Research Institute, Journal of Eskişehir Commodity Exchange, ISSN 1309-8144, Year 2, No. 5, p: 27-29, July-December 2011, Eskişehir.
5. Atmaca, E., S. Çakır, **R. Akın**. 2011. Anthracnose Blight Tolerant and Machine Harvesting Chickpea Variety "Azkan", Journal of Eskişehir Commodity Exchange, ISSN 1309-8144, Year 2, Issue. 5, p: 15-16, July-December 2011, Eskişehir.
6. Atmaca E., C. Y. Çiftçi, S. Çakır, Z.Sağel, **R. Akın**. 2012. Determination of Effects of Different Gamma Rays Applied To Seeds On Some Characteristics of Yaşa-05 And Hisar Chickpea Varieties" 20-23 April 2012. Tabad (Research Journal Of Agricultural Sciences)5(1):104-106. Çankırı.



RAMAZAN AKIN

Agricultural Engineer

TAGEM
AR-GE & İNOVASYON

▪ International Papers, Seminars, etc.

1. Çakır, . Çakır, S., **R. Akin**, E. Atmaca and M. Işık. 2007. Breeding Studies of Anthracnose (*Ascochyta rabie* (Pass.) Labr.) Resistant Chickpea (*Cicer arietinum* L.). Turkey VII. Field Crops Congress, Edible Grain Legumes Proceedings, 25-27 June 2007, Erzurum. Proceedings Book p. 566-569.
2. Çakır, S., E. Atmaca, **R. Akin**, B. Demir, 2009. Dry Bean Breeding Studies Conducted by the General Directorate of Agricultural Research. From Farm to Table, Bean Workshop, 30-31 July 2009, Eskişehir. Workshop Book p. 84-92.
3. Atmaca, E., C. Y. Çiftçi, S. Çakır, **R. Akin** and Y. Karaman, 2009. The Effects of Different Sowing Times and Row Distances on Yield, Yield Components and Quality in Some Chickpea Varieties and Lines in Eskişehir Conditions. Turkey VIII. Field Crops Congress, Cereals and Edible Grain Legumes Proceedings, 19-22 October 2009, Hatay. Proceedings Book p. 364-369
4. Çakır, S., E. Atmaca, **R. Akin**, M. Işık and B. Demir, 2009. Hisar, Breeding Story of a Chickpea (*Cicer arietinum* L) Variety. Turkey VIII. Field Crops Congress, Cereals and Edible Grain Legumes Proceedings, 19-22 October 2009, Hatay. Proceedings Book p. 909-912
5. Yorgancılar, Ö., Ö. Bilir, S. Çakır, E. Atmaca and **R. Akin**, 2009. Testing the Resistance of Chickpea Lines and Varieties Grown in Anadolu Agricultural Research Institute against Anthracnose by Molecular Marker Methods. Turkey VIII. Field Crops Congress, Cereals and Edible Grain Legumes Proceedings, 19-22 October 2009, Hatay. Proceedings pp.919-921
6. Işık, M., S. Çakır, M. Tekeoğlu, **R. Akin** and E. Atmaca, 2009. Testing of Dried Bean (*Phaseolus vulgaris* L.) Varieties and Lines Against Zinc Application. Turkey VIII. Field Crops Congress, Cereals and Edible Grain Legumes Proceedings, 19-22 October 2009, Hatay (Poster Presentation).
7. Cakir, S., E. Atmaca, **R. Akin**, B. Demir. 2011. Anthracnose (*Ascochyta rabie* (Pass.) Labr) Resistant Chickpea (*Cicer arietinum* L) Breeding Studies conducted by Anadolu Agricultural Research Institute. 1st National Ali Numan Kırac Congress and Fair with International Participation, 27-30 April 2011, Eskişehir, Proceedings p. 167.
8. Cakir, S., E. Atmaca, **R. Akin**, B. Demir. 2011. Azkan, Machine Harvesting Chickpea (*Cicer arietinum* L) Variety. Turkey IV. Seed Congress, 14-17 June 2011, Ondokuz Mayıs University Faculty of Agriculture Samsun, Proceedings Book-1, p. 400-405, (Poster Paper)
9. Cakir, S., I. Küsmenoğlu, E. Atmaca, **R. Akin**, H. Öziç. 2011. Variety Development Studies in accordance with Grain Demands of Dry Bean (*Phaseolus vulgaris* L.) Importing Countries. Turkey 9th Field Crops Congress, 12-15 September 2011. Uludag University Faculty of Agriculture, Bursa, (Presentation).
10. Cakir, S., E. Atmaca, **R. Akin**, B. Demir. 2011. We found, Breeding Story of a Dried Bean (*Phaseolus vulgaris* L.) Variety. Turkey 9th Field Crops Congress, 12-15 September 2011. Uludag University Faculty of Agriculture, Bursa, (Presentation).
11. E. Atmaca, S. Çakır, **R. Akin**, B. Demir. 2011. Determination of Yield, Some Yield Components and Some Quality Characteristics of Different Kidney Bean (*Phaseolus vulgaris* L.) Lines in Eskişehir Ecological Conditions. Turkey 9th Field Crops Congress, 12-15 September 2011. Uludag University Faculty of Agriculture, Bursa, (Presentation).
12. Atmaca, E., S. Çakır, and **R. Akin**. 2012. Fusarium Wilt in Chickpea. Journal of Eskişehir Commodity Exchange, Year:3, Issue:6, p: 22-23, June 2012, Eskişehir.
13. Atmaca, E., Çakır, S., **Akin, R.** and Demir, B. 2013. Determination of Some Agricultural and Quality Characteristics of Chickpea (*Cicer arietinum* L.) Varieties in Eskişehir and Uşak Conditions. Turkey 10th Field Crops Congress (Presentation), 10-13 September 2013, KONYA.



RAMAZAN AKIN

Agricultural Engineer



14. Atmaca, E., S. Çakır, and **R. Akın**. 2012. Fusarium Wilt in Chickpea. Journal of Eskişehir Commodity Exchange, Year:3, Issue:6, p: 22-23, June 2012, Eskişehir.
15. Atmaca, E., Çakır, S., **Akın, R.** and Demir, B. 2013. Determination of Some Agricultural and Quality Characteristics of Chickpea (*Cicer arietinum* L.) Varieties in Eskişehir and Uşak Conditions. Turkey 10th Field Crops Congress (Presentation), 10-13 September 2013, KONYA.
16. Çakır, S., Atmaca, E. and **R. Akın**. 2013. Çakır, Anthracnose Blight (*Ascochyta rabiei* (Pass.) Labr.) Tolerant, Machine Harvesting and Early Chickpea (*Cicer arietinum* L) Variety. Turkey 10th Field Crops Congress (Poster Presentation), 10-13 September 2013, KONYA.
17. Yorgancılar, Ö., Yorgancılar, A., Uzun, P., Atmaca, E., **Akın, R** and Kılınç, A.T. 2013. Molecular Testing of Lines and Varieties against Anthracnose Disease (*Ascochyta rabiei*) in National Chickpea Disease Orchard. Turkey 10th Field Crops Congress (Poster Presentation), 10-13 September 2013, KONYA.
18. Atmaca, E., S. Çakır, **R. Akın**, G. Başbağcı, and A.T. Kilinc. 2015. Determination of Yield, Some Yield Components and Some Quality Characteristics of Different Dwarf Dry Bean (*Phaseolus vulgaris* L.) Lines and Varieties in Eskişehir Ecological Conditions. Turkey 11th Field Crops Congress (Poster Paper), 07-10 September 2015. 18 Mart University Faculty of Agriculture, Çanakkale.
19. Çakır, S., E. Atmaca, **R. Akın**, G. Başbağcı and A.T. Kilinc. 2015. Determination of Yield, Yield Components and Some Quality Characteristics of Different Inline Dry Bean (*Phaseolus vulgaris* L.) Lines in Eskişehir Ecological Conditions. Turkey 11th Field Crops Congress (Poster Paper), 07-10 September 2015. 18 Mart University Faculty of Agriculture, Çanakkale.
20. Kılınç, A.T., E. Atmaca, G. Başbağcı, **R. Akın**, and S. Çakır. 2015. Detection of the Reactions of Advanced Lines of Chickpea (*Cicer arietinum* L.) Breeding Material Against Chickpea Blight (*Ascochyta rabiei* (Pass) Labr.) at the Gateway Zone Agricultural Research Institute. Turkey 11th Field Crops Congress (Poster Presentation), 07-10 September 2015. 18 Mart University Faculty of Agriculture, Çanakkale.
21. Atmaca, E., S. Çakır, **R. Akın**, G. Başbağcı and A.T. Kilinc. 2015. Determination of Some Agricultural and Quality Characteristics of Chickpea (*Cicer arietinum* L.) Lines and Varieties in Eskişehir, Kütahya and Uşak Conditions. 11. Field Crops Congress, 2015.
22. Atmaca, E., **Akın, R.**, Başbağcı, G., Kılınç, A.T. and Çakır, S. 2017. Determination of Some Agricultural and Quality Characteristics of Chickpea (*Cicer arietinum* L.) Lines and Varieties in Eskişehir and Uşak Conditions. POSTER NOTICE. XII. Field Crops Congress. 12-15 September 2017. Kahramanmaraş.
23. Başbağcı, G., Atmaca, E., Kılınç, AT, **Akın, R.** and Çakır, S. 2017. Transition Generation Agricultural Research Institute Advanced Lines of Chickpea Breeding Material and Against *Ascochyta* Blight and Root Rot/Wilt Factors of Some Proprietary Varieties Evaluation of Reactions. POSTER NOTICE. XII. Field Crops Congress. 12-15 September 2017. Kahramanmaraş.
24. Kılınç, A.T., Atmaca, E., **Akın, R.**, Başbağcı, G., and Çakır, S. 2017. Evaluation of Advanced Lines of Dried Bean Breeding Material and Reactions of Some Proprietary Varieties Against Bacterial Leaf Diseases. POSTER NOTICE. XII. Field Crops Congress. 12-15 September 2017. Kahramanmaraş.



RAMAZAN AKIN

Agricultural Engineer



▪ **OTHER PUBLICATIONS**

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

1. The Effect Of Different Sowing Dates And Row Spacing On Yield, Yield Components And Quality Of Some Chickpea Varieties And Advanced Lines In Eskisehir Conditions (Master Thesis)
2. The Effects Of Doses Of Gamma Rays On Characters Of Chickpea (*Cicer arietinum* L.) Varieties In M1 And M2 Generation (Ph. D. Thesis)

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

1. Edible Grain Legumes Program Evaluation Meeting, 31 March-3 April 2003, Eskişehir.
2. Edible Grain Legumes Program Evaluation Meeting, 9-12 March 2004, İzmir
3. Edible Grain Legumes Program Evaluation Meeting, 1-4 March 2006, Antalya
4. Edible Grain Legumes Program Evaluation Meeting, 12-16 March 2007, Antalya
5. Edible Grain Legumes Program Evaluation Meeting, 10-14 March 2008, Antalya
6. Chickpea Chickpea Panel 12.06.2008, Uşak
7. From Farm to Table, Dry Bean Workshop, 30-31 July 2009, Eskişehir.
8. Turkey VIII. Field Crops Congress, 19-22 October 2009, Hatay
9. Edible Grain Legumes Program Evaluation Meeting, 8-13 March, 2009 Antalya
10. Edible Grain Legumes Program Evaluation Meeting, 8-11 March, 2010, Antalya
11. 11th National Ali Numan Kırac Agriculture Congress and Fair with International Participation, 27-30 April 2011 Eskişehir
12. Turkey IX. Field Crops Congress, 12-15 September 2011, Bursa
13. Turkey X. Field Crops Congress, 10-13 September 2013, Konya
14. Turkey 11 Field Crops Congress, 07-10 September 2015, Çanakkale
15. 15th Edible Grain Legumes Workshop, 10-12 May 2017, Mersin

Education

1. Statistics and Trial Technique, 2002
2. Drip Irrigation Method, 2004
3. Sprinkler Irrigation, 2004
4. Ecological Agriculture Course, 2001
5. Ecological Agriculture Course, 2002
6. English Language Course, 2001
7. Researching yield and quality in Edible Grain Legumes, reducing the effect of stress conditions on grain yield per unit area, contributing to the producer and the country's economy (iCARDA-Syria)