



Curriculum Vitae

Prof Dr: Adel Mohamed Mahmoud
Dean of the Faculty of Agriculture
Assiut University



Personal Information:

Name: Adel Mohamed Mahmoud Ali
Nationality: Egyptian, Arab Republic of Egypt
Sex: male
Date of Birth: September 17, 1966
Place of Birth: Qena, Egypt
Marital Status: Married
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- ResearchGate site: https://www.researchgate.net/profile/Adel_Mahmoud4
- Google scholar site: <https://scholar.google.com.eg/citations?user=n0cwHAcAAAAJ&hl=en>

Education:

B.Sc. degree: 1984-1988 Faculty of Agriculture, Assiut University, Egypt
(Excellent with honor degree)

M.Sc. degree: 1990-1994 Graduate School of Agricultural Science, Assiut
University, Egypt

Ph.D. degree: 1998-2002 Agricultural University, Plovdiv, Bulgaria.

Title of Ph.D. thesis “*Biological and agronomic characteristics of new hybrids of
sunflower and their parental lines*”

Occupation:

Researcher assistant: 1988-1990 National Research Center

Teaching assistant: 1990-1994; Agronomy Department, Faculty of
Agriculture, Assiut University, Egypt

Assistant lecturer: 1994-1998; Agronomy Department, Faculty of Agriculture,
Assiut University, Egypt (Research project under the title of

“Evaluation of some soybean’s genotypes under different levels of irrigation”

Ph.D. candidate: 1998-2002; Plant growing Department, Faculty of Agronomy, Agricultural University, Plovdiv, Bulgaria

Lecturer: 2002 - 2007; Agronomy Department, Faculty of Agriculture, Assiut University, Egypt

Associate Professor: 2007 – 2012; Agronomy Department, Faculty of Agriculture, Assiut University, Egypt

Professor: 2012 – till now, Agronomy Department, Faculty of Agriculture, Assiut University, Egypt

Vice-Director of Quality Assurance Unit: 2011-2013 , Faculty of Agri., Assiut University.

Director of Quality Assurance Unit: 2013-2014 ,Faculty of Agri., Assiut University.

Vice Dean for Education and Students Affairs: 2014 -2021 Faculty of Agriculture, Assiut University, Egypt.

Dean of Faculty of Agriculture -Assiut University 2021 till now

Experience:

1-Research:

- Experience in the field of crop breeding and crop physiology such like hybridization, selection, agricultural treatments (irrigation, fertilization.....etc),data management and Experimental design.
- Development of inbred lines of wheat and sunflower and its using in breeding programs.
- Selection under drought stress.
- Growth analysis of field crops.
- Genotypes Stability under different conditions

2-Teaching:

A: Teaching the following courses for under and postgraduate students in Agronomy Department:

- Plant breeding and Crop improvement.
- Biostatistics, Experimental Design.
- Crop production, Advanced methods in Crop production and Desert Farming.
- Techniques of plant breeding.
- Breeding of oil crops.
- Plant Physiology
- Mutation Breeding

3- community service

- A trainer for agricultural secondary school teachers on how to use Active learning strategy and how to use visual aids in teaching .
- Trainer of Sprouted barley in cooperation with civil society organizations

- Wheat Production Consultant (Feed the Future - Egypt Rural Agribusiness Strengthening Project)

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- **3- Computer skills:**

- Statistical analysis by using of MSTAT and Excel programs.
- Graphic by using Harvard and Excel programs.
- Preparing of presentation by PowerPoint .

4-Foreign Language:

Bulgarian and English

5- Experience in Quality Assurance:

- a. Vice-Director of Quality Assurance Unit in Faculty of Agri., Assiut University.
- b. Director of Quality Assurance Unit in Faculty of Agri., Assiut University
- c. Quality Assurance Training Courses:
 - Courses Specification
 - Credit Hour System
 - Academic Advisor
 - Academic Standards
 - Active Learning Strategies
 - Good Testing Specification
 - Application of quality standards in the educational process
 - Preparing performance reports

Conferences:

1. COP 27 Climate Conference in Sharm El-Sheikh from 6-18 November 2022
2. The final conference of the Assiut Climate Change Platform (our country hosts the climate summit)
3. Symposium on environmental changes and carbon footprint - Assiut University 2022
4. Chair of sessions at the Eleventh International Conference on Development and Environment in the Arab World, February 2022
5. A scientific symposium on joba (for decent life and sustainable development) December 2021
6. The 10th Scientific Conference of Young Scientists ,Assiut University (March,2022)
7. The 9th Scientific Conference of Young Scientists ,Assiut University (May,2018)

8. The 8th Scientific Conference of Agricultural Science , Assiut University (October,2016)
9. International Conference (Tropentag 2015) 16-18 September 2015 – Berlin – Germany.
10. The 8th Scientific Conference of Young Scientists ,Assiut University (May,2014)
11. The 7th Scientific Conference of Young Scientists ,Assiut University (May,2013)
12. The 6th Scientific Conference of Young Scientists ,Assiut University (May,2012)
13. The 6th International Conference on Environment and Development in the Arab World , Assiut University (24-26 March 2012)
14. The Conference of Field Crop Prospects in the Arab world , Aleppo, Syria (October 30- November 1, 2006)
15. Conference of Plant Breeding ,Cairo,Egypt, (May27,2007)
16. The 3rd International Conference on Environment and Development in the Arab World , Assiut University (21-23 March 2006)
17. The 11th International Conference of Agronomy , Faculty of Agric., Assiut Uni, Egypt (15-16 November 2005)
18. symposium on agriculture and development in the Arab world constraints and solutions, Assiut , Egypt (20-22 April 2004)
19. Conference of Plant Breeding ,Cairo,Egypt, (April 26,2003)
20. The 11th International Conference of Agronomy , Faculty of Agric., Suize Canal Univ, Egypt (9-12 October 2003)
21. The 4th Scientific Conference of Agricultural Sciences, Assiut Univ., Egypt (7-9 December 2004)
22. Nineth International Water Technology Conference, Sharm Al-Sheikh, Egypt (17-20 March 2005)
23. Production and Crop Breeding Conference, Bulgaria (8-11 June,2004)

Training:

- 1- Applications of Bioinformatics in Plant Breeding. Zaragoza (Spain), 20-24 January, 2014.
- 2- Principals of Molecular Biology . Genetics Department, Assiut University, Assiut (Egypt) , 8-10 September 2007.
- 3- Characterizing Spatial Variability for Agricultural Planning and Site-Specific Crop Management in Mediterranean Conditions. Zaragoza (Spain), 7-17 March, 2006.
- 4- The Ethics of Avocation (09-10/ 01/2005)
- 5- The general Basics in Teaching (19-30/10/2002)
- 6- The Skills of Effectual Linkup (26-28/04/2005)
- 7- Course and Curriculum Design (15-18/05/2005)
- 8- Development of Administration Skills (15-18/08/2005)
- 9- Adoption of Decisions and solving of Problems (08-11/08/2005)
- 10- Modern Trends in Teaching (01-04/10/2005)
- 11- The Skills of Effectual presentation (15-18/10/2005)
- 12- The Culture of Law (25-27/06/2005)
- 13- Teaching by using modern tools (6-9/05/2006).
- 14- Active learning strategies
- 15- Preparing of Lesson Plan

List of publication:

1. Heba A. M. Hassan ; **Adel M. Mahmoud** ; Ghada B. Abdel-Azeez and Ezzat E. Mahdy 2025. How Does the Strength of Selection Influence Genotypic Matrix , Path Analysis and Sensitivity to Environments. Assiut J. of Agric. Sci., 56 (2):18-34.
2. Ezzat E. Mahdy ; **Adel M. Mahmoud** ; Ghada B. Abdel-Azeez and Heba A. M. Hassan 2025. Single Traits Selection in Improving Seed Yield of Sesame in Reclaimed Soil. Assiut J. of Agric. Sci., 56 (2):50-64.

3. Alkasem A. Eissa ; **Adel M. Mahmoud**; El-Saadi A. Ali and Alhosein Hamada, 2023. Response of Some Bread wheat Cultivars to Nitrogen Fertilizer Rates Under Different Sowing Methods. Assiut J. of Agric. Sci., 54 (2):18-31.
4. **Mahmoud, A.M.**; E.A. Ali; M.T. Said; A.H. Abdelazeem and A.M. Salem ,2020.Impact of Planting Methods on Some Sesame Cultivars Production. Assiut J. of Agric. Sci., 51 (3):49-61.
5. Ali, Amal; **A.M. Mahmoud**; M.A. Eissa and A. Hamada,2020. Performance of Sunflower Genotypes under Different Zinc Oxide Nanoparticles Sizes . Assiut J. of Agric. Sci., 50 (4):1-8.
6. **Mahmoud, A. M**; E. A. Ali ; Manal A. M. Hassan and Asmaa S. A. Sayed,2019 .The Agronomical Characteristics, Nutritional and Technological Quality of Sunflower (*Helianthus annuus*) Seeds as Affected by Response to Foliar Spray with Zinc Oxide Nanoparticles . J. of Food and Dairy Sci., Mansoura Univ., 10 (11):403- 412.
7. Marwa M Taha, Amer F Mahmoud, Mohamed A Hassan, **Adel M Mahmoud**, Mohamed A Sallam, 2018. Potential resistance of certain sunflower cultivars and inbred lines against charcoal rot disease caused by *Macrophomina phaseolina* (Tassi) Goid. Journal of Phytopathology and Pest Management, 5(3): 55-66
8. Talaat A. Ahmed , Mohammad A. AL_Ghouthi, Nazir Hussain and **Adel M. Mahmoud**,2017.An insight into Growth Characteristics of Barely (*Hordeum vulgare*) in a Zeolitic Soil Irrigated with Saline Water. International Journal of Agriculture and Economic Development,5(2),11-30 December 5013.
9. Khames , K.M., Abo-Elwafa A. M., **Adel M. M** and A. Hamada, 2017. Efficiency of Two Cycles of Pedigree Line Selection in Bread Wheat (*Triticum aestivum* L) under Late Sowing Date. Assiut J. of Agric. Sci., 48 (1):1-25.
10. Khames , K.M., Abo-Elwafa A. M., **Adel M. M** and A. Hamada, 2016. Correlation, Path-coefficient, Normal and Stepwise Regression Analyses Via Two Cycles of Pedigree Selection in Bread Wheat (*Triticum aestivum* L). Assiut J. of Agric. Sci., 47 (4):84-108.
11. **Adel M. Mahmoud** and Talaat A. Ahmed,2016. Water use efficiency of sunflower genotypes under drip irrigation. African Journal of Agricultural Research,11(11):925-929. DOI: 10.5897/AJAR2015.10708
12. Hussein, M. M., M. A. EL-Morshidy, M.Z. El-hifny and **A. M. Mahmoud**, 2015. Evaluation of Several New Bread Wheat Genotypes (*Triticum aestivum* L.) for Grain Yield and its Components under Water Stress Conditions. Assiut Journal of Agricultural Science .Assiut J. of Agric. Sci., 46 (1):1-17.

13. E.A.Ali and **Adel M. Mahmoud**, 2013.Effect of foliar spray by different salicylic Acid and Zinc concentrations on seed yield and yield components of Mungbean in sandy Soil. Asian Journal of Crop Science.5 (1): 33-40.
14. **M.M. Adel** and E.A.Ali , 2013. Gene Action and Combining Ability in a Six parent Diallel Cross of Wheat. Asian Journal of Crop Science.5 (1): 14-23.
15. E.A. Ali and **A.M. Mahmoud** , 2012. Effect of Combination Between Organic and Mineral Fertilization on Productivity of Some Safflower Genotypes. World Journal of Agricultural Science, 8(2):134-140.
16. **Adel M. Mahmoud** and Bahaa E. Abdel-Fatah,2012. Analysis of Genetic Diversity mong Sunflower Genotypes using Agro-morphological Traits and Molecular Markers. Australian Journal of Basic and Applied Sciences,6 (13):419-432.
17. **Adel M. Mahmoud**, 2012.Genetic Variability in S4 Inbred Lines of Sunflower under Sandy Soil Conditions American-Eurasian J. Agric. & Environ. Sci., 12 (3): 282-286.
18. Mostafa, M. M., M.Z. EL-Hefny, K. A. Kheiralla and **A. M. Mahmoud**, 2012. Performance and Genetic Components for Some Agronomic Traits in Wheat Under Water Stress Conditions. Assiut J. of Agric., Sci., 43 (Special Issue) (The 6th Conference of young Scientists, Fac. Agric., Assiut University May,13,2012,Assiut, Egypt.
19. Kamal A. Kheiralla, Talaat A. Ahmed and **Adel M. Mahmoud** (2011). Development of new early and high yielding bread wheat lines adapted to grow in old and new reclaimed lands in Egypt . Journal of Plant Breeding and Crop Science. 3(6):96-105.
20. EL-Dardeer A.E , M.A. EL-Morshidy , **A.M. Mahmoud** and H.I. Ali (2011). Heterosis and combining ability in grain sorghum (Sorghum bicolor (L) Moench) under normal and water stress conditions. Assiut J. of Agric. Sci., 42 (8):17-38.
21. E. M. Ezzat, M. A. Ali and **A. M. Mahmoud** (2011). The effect of environment on Combining Ability and Heterosis in Grain Sorghum (Sorghum bicolor L. Moench). Asian Journal of Crop Science.3 (1): 1-15.
22. E. M. Ezzat, M. A. Ali and **A. M. Mahmoud** (2010). Agronomic Performance, Genotype x Environment Interactions and Stability Analysis of Grain Sorghum (Sorghum bicolor L. Moench). Asian Journal of Crop Science.2 (4): 250-260.
23. **Adel M. Mahmoud** and Talaat A. Ahmed (2010). Magnitude of Combining Ability and Heterosis as Influenced by Type of Soil in Grain Sorghum (Sorghum bicolor L. Moench). Asian Journal of Crop Science.2 (1): 1-11.

24. B.R.Bakheit, **A.M. Mahmoud**, A.A. El-Shimy and M.A. Attia (2010). Combining ability for yield and yield components in sunflower. Egypt J. Plant Breeding. 14 (1): 173-186.
25. B.R.Bakheit, A.A. El-Shimy, **A.M. Mahmoud** and M.A. Attia (2010). Heterosis for seed yield and its components in sunflower. Egypt J. Plant Breeding. 14 (1): 159-172.
26. Ibrahim A. El-Far, **Adel M. Mahmoud**, Sami Mohamed Attia and Ali Hassan (2010). Productivity of some safflower genotypes under different NPK fertilizer treatments in sandy calcareous soil. The 5 th Int. Conf. for Develop. and the Env. in Arab World, March,21-23,2010.
27. **Adel M. Mahmoud** (2007). Combining ability and heterosis in sunflower (*Helianthus annuus* L.). Minia J. Agric. Res. & Develop. 27 (3): 457-472.
28. **Adel .M. Mahmoud** (2007). Late and early pedigree selection for grain yield with different selection criteria under two water treatments in wheat (*Triticum aestivum* L.). Egypt. J. Plant Breed. 11(2): 611-625.
29. Mohamed, A. A.; M. A. Ali and **A. M . Mahmoud** (2007).Genotype - Environment Interaction and Stress susceptibility Index in Egyptian Cotton (*Gossypium barbadense* L.). J. Agric. Sci. Mansura Univ., 32 (1): 21-32.
30. Adel M. Mahmoud (2006).Genotype x Environment Interaction of Some Bread Wheat Genotypes (*Triticum aestivum* L.). Assiut Journal of Agricultural Science , vol 37, No. 45 :119-138.
31. Talaat A. Ahmed and **Adel M. Mahmoud** (2006): Quantitative Trait Loci for Agronomic Characters in a Segregating Chinese spring x *T. spelta* Wheat Population Under Egypt Environment . Egypt . J. Plant Breeding. 10 (1): 277-288.
32. Ahmed, M.M.M., **Adel M. Mahmoud** and E.B.A. Osman (2005). Recycling of crop residues and using them as a compost to enhance the growth and productivity of canola in newly reclaimed sandy soils. Research Communication of U.S.B. branch Dobrich, vol 7: 138-147.
33. **Adel M. Mahmoud** and Talaat A. Ahmed (2005). Variability, regression and cluster analysis in bread wheat (*Triticum aestivum* L.) Assiut Journal of Agricultural Science , vol 36, No. 2:41-56.
34. **Adel M. Mahmoud** ; T. M. El- Ameen ; A.A. Mohamed and M . A. Ali (2004). Inheritance of some agro-economic traits in interspecific cotton cross using six

- parameters model under two locations. Assiut Journal of Agricultural Sciences, 95-106 .Egypt
35. **Adel M. Mahmoud** and Ali A. El-Saady (2004).Productivity of two soybean varieties under different irrigation regimes and nitrogen fertilization. Field Crops Studies, Vol. I-3,p .464-469.Bulgaria.
36. **Adel M. Mahmoud** .(2001). Genetic variability and correlation studies in some genotypes of sunflower . (Helianthus annuus L.). Fifth Scientific Practical Conference” Ecological Problems Agriculture ”Agroeko”. Agricultural University, Plovdiv, Bulgaria, Scientific Works, vol of . XLVI, book. 1,139-144. Bulgaria.
37. **Adel M. Mahmoud.**, B. Yankov., P. Petrov and Nurettin Tahsin. (2001). Heterosis and Intercharacter Association in sunflower . (Helianthus annuus L.). Scientific Conference 80 th ANNIVERSARY HIGHER AGRICULTURAL EDUCATION IN BULGARIA.15-17 November 2001, Agricultural University, Scientific works, vol. XLVI, 331-336.Bulgaria.
38. Adel M. Mahmoud., B. Yankov and P. Petrov. (2001). Performance of some sunflower’s genotypes grown in South Bulgaria. Scientific Conference 80 th ANNIVERSARY HIGHER AGRICULTURAL EDUCATION IN BULGARIA.15-17 November 2001, Agricultural University, Scientific works, vol. XLVI, 343-348.Bulgaria.
39. Teama, E.A and **A.M .Mahmoud** (1994).Response of sunflower to watering regimes and nitrogen fertilization .
I-Growth characteristics. Assiut Journal of Agricultural Sciences,25: 29-37.Egypt.
40. Teama, E.A and A.M .Mahmoud (1994).Response of sunflower to watering regimes and nitrogen fertilization.
II-Yield , yield components and quality. Assiut Journal of Agricultural Sciences,25: 39-45.Egypt.