Mohammed Ali

Prof. Dr. Of Agronomy and Plant Breeding

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Sharkia Governorate – Egypt

MY LINK ON

- **Zagazig Univ.**: http://www.staffdata.zu.edu.eg/ar/ShowData/19397
- **Google Scholar**: https://scholar.google.com/citations?user=ODUsgyEAAAAJ&hl=ar
- **Resarchgate:** https://www.researchgate.net/profile/M_Ali18
- **Scopus :** https://www.scopus.com/authid/detail.uri?authorId=57199279606
- **Orcid** : https://orcid.org/0000-0003-4565-7180
- **Publons :** https://publons.com/researcher/4281841/mohammed-ali/
- **Facebook:** Mohammed abd El-Hamed Ali https://www.facebook.com/MMAALI99
- **YouTube :** Dr Mohammed abdel Hamed https://www.youtube.com/channel/UCVIqKXKHMSii7FCj_IPVnvA

PERSONAL DATA:

Full Name :	**Mohammed Mohammed Abdel-Hamed Ali**
Nationality:	**Egyptian**
Date of Birth :	**October 25, 1976**
Place of Birth :	**Sharkia , Egypt**
Nationality ID :	**27610251300512**
Marital Status :	**Married (Three daughters and one son)**

PROFESSIONAL EXPERIENCE

From: 25/10/2022 **To:** present	**Professor** At: Zagazig University, Egypt
From: 27/8/2017 **To:** 28/9/2022	**Associate Prof.** At: Zagazig University, Egypt
From: 2/3/2014 **To:** 31/8/2014	**Visiting scientist** At: Maize Dept. LfL, Freising, Germany
From: 12/8/2009 **To:** 26/7/2017	**Lecturer** At: Zagazig University, Egypt
From: 2/6/2007 **To:** 25/2/2009	**Visiting scientist** At: Maize Dept. LfL, Freising, Germany
From: 30/4/2003 **To:** 12/8/2009	**Assistant Lecturer** At: Zagazig University, Egypt
From: 20/2/1999 **To:** 30/4/2003	**Demonstrator** At: Zagazig University, Egypt

Candidate address : Agronomy Dept. - Agriculture Fac. - Zagazig Univ. - 44511 Zagazig, Egypt

ResearcherID: AAT-4172-2021
SciProfiles: 1855450

PROFILE

Committed and engaging bringing exceptional lecturing skills and student-centered Professor with expertise in agronomy, plant breeding, statistics and experimental design. Offers 24-year background supporting university students, developing instructional plans and organizing and grading exams and tests as well as scientific research. Gifted in engagement and guidance of students in university education. Commended for sustaining effective learning environment through prepared classes and relevant assignments and consistently achieving classroom management and academic goals. Inspiring Professor brings advanced teaching skills and department leadership experience. Goal-oriented to advance department, improve teaching and modernize courses. Extensive background in research and experimental design, and scientific publication in national and international Journals. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals. To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills. Detail-oriented team player with strong organizational skills. Ability to handle multiple scientific research projects simultaneously with a high degree of accuracy. Innovative university Professor bringing proven success in implementing technology-based curriculum delivery and assessment tools. Passionate about fostering academic development and success for every student. Hardworking and passionate job seeker with strong organizational skills eager to secure entry-level plant breeding, agronomy, statistics and experimental design position. Ready to help team achieve university/company goals. My strengths include teaching, scientific research, international publishing, team management, and community development.

SKILLS

Experimental Design

Statistics

Positions: Teaching

Software:

Excel

PowerPoint

Word

Photoshop

Statistical programs:

GenStat – SAS – Co-State

SPSS - R

Computer skills: (ICDL)

Project management

Teamwork

Leadership

Open-mindedness

LANGUAGES

Arabic

English

German

French

HONORS AND AWARDS

- Qualified by graduating with honors and ranking 1st among engineering of Agronomy Dept. at Zagazig Univ., 1998
- **Scholarship** to pursue a PhD (2005-2009).
- Best **Ph.D thesis** (Zagazig university, 2010)
- **Scholarship** to pursue a post-doctoral research (2014).
- **Scientific publishing** (Zagazig university, 2023)

EDUCATION

2009	**Third University Degree: Ph.D (2003 – 2009)** **Grade**: Excellent **Subject Area of Study** : Plant breeding **Dept.** : Agronomy - Faculty: Agriculture **University:** Zagazig, Egypt with Bavarian State Research Centre for Agriculture (LfL), Germany. **The thesis is entitled**: Breeding Studies on Top Crosses in White and Yellow Maize (*Zea mays*, L.) **Supervisors:** Prof. Dr. A.G. Eraky, Prof. Dr. H.A. Rabie and Prof. Dr. A.R. Alkaddoussi from Egypt and Dr. J. Eder from Germany.
2003	**Second University Degree: M.Sc. (1999- 2003)** **Grade:** Excellent **Subject Area of Study** : Plant breeding **Dept. :** Agronomy - Faculty: Agriculture **University:** Zagazig, Egypt **The thesis is entitled:** Breeding Studies on Maize (*Zea mays*, L.) **Supervisors:** Prof. Dr. A.G. Eraky, Prof. Dr. H.A. Rabie and Prof. Dr. A.R. Alkaddoussi.
1994 - 1998	**First University Degree: B.Sc.** **Grade:** Very Good with the Honour Degree **Subject Area of Study :** Agronomy **Dept. :** Agronomy - Faculty: Agriculture **University:** Zagazig, Egypt .
1991 - 1993	**Secondary School** El-Hosseinea Secondary School, El-Hosseinea district, Sharkia governorate , Egypt.
1988 - 1990	**Preparatory School** Abdel-Aal Shaalan School, Elmalkiean village, El-Hosseinea district, Sharkia governorate , Egypt.
1982 - 1987	**Primary School** Hassan Dahshan-2 School, Elmalkiean village, El-Hosseinea district, Sharkia governorate , Egypt.

ACTIVITIES AND INTERESTS

Trainings, Scientific Projects, Conferences,

Reading, Plant Crossing and Selection,

Social Works

HOBBIES

- **Travel** : Europe (Germany – Austria), Asia (Saudi Arabia).
- **Sports** : Football, Swimming, cycling, running.
- **Instagram**: +500 followers.

RESEARCH INTERESTS

- Crop Yield Improvement.
- Crop Breeding for Drought Stress.
- Crop Breeding for Nitrogen Stress.
- Crop Breeding for Climatic Changes.
- Crop Breeding for Quality Characters.
- Diploid-Haploid Plants
- Genotype x Environmental Interaction
- Maize Breeding
- Wheat Breeding
- Sunflower Breeding
- Canola Breeding
- Barley Breeding
- Cotton Breeding

TEACHING

Courses Taught

A. Undergraduate Courses:

- Principles of Agronomy
- Principles of Plant Breeding
- Crops Improvement
- Breeding for Disease and Insect Resistance
- Statistics and Experimental Design
- Computer Special
- Principles of Scientific Research

B. Postgraduate Courses:

- Advanced statistics
- Crop Breeding (heredity and statistical)
- Cross Pollinated Crop Breeding
- Advanced Crop Breeding for Insect and Diseases Resistance
- Research Methodology in Crop Breeding
- Recent Approach in Plant Breeding
- Use of Mutation in Plant Breeding
- Maize Breeding
- Rice Breeding
- Cotton Breeding

SCHOLARSHIPS

Dates	Names
From 2 / 6 / 2007 to 23 / 2 / 2009	**Internal mission** in Bavarian State Research Centre for Agriculture (Bayerische Landesanstalt für Landwirtschaft) - Germany
From 2 / 3 / 2014 to 31 / 8 / 2014	**Post-doctoral mission** in Bavarian State Research Centre for Agriculture (Bayerische Landesanstalt für Landwirtschaft) - Germany

MEMBERSHIP OF CULTURAL, EDUCATIONAL AND ACADEMIC SOCIETIES

Member In :
Egyptian society of Agronomy
Egyptian society of plant breeding
European society of Agronomy

POSTGRADUATE SUPERVISION (2010 - 2025)

Masters Supervision:

1. Dina A. Swelam, M.S. in Plant Breeding Science, 2010-2015. Thesis Title: Yield stability of some wheat genotypes under normal and water stress conditions
2. Eman M. Abdallah, M.S. in Plant Breeding Science, 2011-2015. Evaluation of yield potentiality of some bread wheat genotypes.
3. Youstina S. Sedhom, M.S. in Plant Breeding Science, 2012-2016. Gene action controlling yield contributing characters and determination of genetic diversity using RAPD markers in maize.
4. Fatma M.A. Megahed, M.S. in Plant Breeding Science, 2013-2019. Evaluation of yield and its components of some barley genotypes.
5. Mohammed Omar, M.S. in Plant Breeding Science, 2015-2023. Breeding for earliness under different planting densities in yellow maize (*Zea mays* L.).
6. Alaa I.H. Al Makabity, M.S. in Plant Breeding Science, 2019. Comparison the effect of stem rust on grain yield of some bread wheat genotypes.
7. Mohammed A.A.H Gharib, M.S. in Plant Breeding Science, 2015-2019. Evaluation of genetic diversity in some wheat cultivars and landraces.
8. Kholud M. El Habashy, M.S. in Plant Breeding Science, 2021. Induction of mutation for mechanical harvesting in Egyptian cotton (*Gossypium barbadense*).
9. Nora O.A. Omar, M.S. in Plant Breeding Science, 2022. Selection in early generations of bread wheat under water stress conditions.
10. Ramez A. A. R. Abu Ghazi, M.S. in Plant Breeding Science, 2023. Breeding for Rust Resistance in Bread Wheat (*Triticum aestivum* L.).
11. Mohammed T. A. Mahmoud, M.S. in Plant Breeding Science, 2024. Performance evaluation of some maize genotypes under drought and heat stress.
12. Samar G. M. M. Mostafa, M.S. in Plant Breeding Science, 2024. Breeding for water deficit and low nitrogen stress tolerance in bread wheat.

Ph.D Supervision:

1. Eman M. Abdallah, Ph.D in Plant Breeding Science, 2015-2019. Genetic analysis for heat stress tolerance in bread wheat.
2. Dina A. Swelam, Ph.D in Plant Breeding Science, 2015-2022. Genetic analysis and selection efficiency for drought tolerance in some bread wheat genotypes.
3. Shema S.M.H. El Gharabwy, Ph.D in Plant Breeding Science, 2016. Tolerance study on some bread wheat genotypes to heavy metals stress.
4. Youstina S. Sedhom, Ph.D in Plant Breeding Science, 2017. Genetic diversity and combining ability of white maize inbred lines using line x tester analysis under water stress.
5. Moaz S.A. Ali, Ph.D in Plant Breeding Science, 2021. Breeding studies on drought tolerance in rice.

Thesis examination:

A. Master

1. Hanan A.A. Ahmed, M.S. in Plant Breeding Science, 2018. Evaluation of some bread wheat genotypes under water deficit conditions in the new valley governorate.
2. Fatma M.A. Megahed, M.S. in Plant Breeding Science, 2019. Evaluation of yield and its components of some barley genotypes.
3. Mohammed A.A.H Gharib, M.S. in Plant Breeding Science, 2019. Evaluation of genetic diversity in some wheat cultivars and landraces.
4. Fatma M. Farage, M.S. in Plant Breeding Science, 2019. Breeding parameters for grain yield and some morpho-physiological characters related to water stress tolerance in bread wheat
5. Mohsen A. Mohsen Swelam, M.S. in Agronomy, 2022. Influence of phosphorus levels and nitrogen forms on agronomic performance of diverse wheat cultivars
6. Ibrahim A.M.I Altaher, M.S. in Asian studies, 2022. Study on concentration of some heavy metals in water sources in Vietnam.
7. Mohammed Omar, M.S. in Plant Breeding Science, 2023. Breeding for earliness under different planting densities in yellow maize (*Zea mays* L.).

B. PH.D

1. Eman M. Abdallah, Ph.D in Plant Breeding Science, 2019. Genetic analysis for heat stress tolerance in bread wheat.
2. Dina A. Swelam, Ph.D in Plant Breeding Science, 2022. Genetic analysis and selection efficiency for drought tolerance in some bread wheat genotypes.
3. Youstina S. A. Sedhom, Ph.D in Plant Breeding Science, 2024. Genetic diversity and combining ability of white maize inbred lines using line x tester analysis under water stress condition.
4. Mostafa Alabsy, Ph.D in Plant Breeding Science, 2024. " Stability and gene action for yield and some economic characters in faba bean.

LIST OF PUBLICATIONS

Sedhom, Y.S.A.; Rabie, H.A.; Awaad, H.A.; Alomran, M.M.; ALshamrani, S.M.; Mansour, E.; **Ali, M.M.A**. **(2024).** Genetic potential of newly developed maize hybrids under different water-availability conditions in an arid environment. *Life* , *14*, 453. https://doi.org/10.3390/life14040453

Megahed F.M.A., El-Khawaga A.A., Hassan A.I.A., **Ali M.M.A**. Assessment of barley genotypes to drought tolerance under different levels of irrigation. Ann Agric Crop Sci. 2024; 9(3): 1158.

Omar, M., Rabie H.A., Mowafi S. A., Othman H. T., and **Ali M.M.A** (**2023**). Estimation of heterosis for grain yield and yield attributing traits in maize under three planting densities and two sowing dates. Zagazig J. Agric. Res.,

Omar, M., Rabie H.A., Mowafi S. A., Othman H. T., and **Ali M.M.A** (**2022**). Combining ability analysis in diallel crosses of maize under different planting densities. Neuroquantology, 20(7): 915-927. Doi:10.14704/Nq.2022.20.17.Nq880118

Swelam, D., Salem A., Hassan M. and **Ali M.M.A** (**2022**). Inheritance of proline and agronomic traits in bread wheat under water stress and non-stress conditions. Turkish Journal of Field Crops. Accepted 5/6/2022.

Swelam, D., Salem A., Hassan M. and **Ali M.M.A** (**2022**). Characterization of bread wheat segregating populations under optimum and limited irrigation conditions.

SABRAO Journal of Breeding and Genetics, 54(2):280-296. DOI: 10.54910/sabrao2022.54.2.6

Swelam, D., Salem A., Hassan M. and **Ali M.M.A** (**2022**). Breeding enrichment of genetic variation of grain yield and its attributes in bread wheat under drought stress and well irrigation. Phyton-International Journal of Experimental Botany, 91(12): 2069-2717. DOI: 10.32604/phyton.2022.022651

Omar, M.; Rabie, H.A.; Mowafi, S.A.; Othman, H.T.; El-Moneim, D.A.; Alharbi, K.; Mansour, E. and **Ali, M.M.A.** (**2022**). Multivariate analysis of agronomic traits in newly developed maize hybrids grown under different agro-environments. Plants, 11(9), 1187. https://doi.org/10.3390/plants11091187

Kamara, M.M.; Rehan, M.; Mohamed, A.M.; El Mantawy, R.F.; Kheir, A.M.S.; Abd El-Moneim, D.; Safhi, F.A.; ALshamrani, S.M.; Hafez, E.M.; Behiry, S.I.; **Ali, M.M.A**. and Mansour, E. (**2022**). Genetic Potential and Inheritance Patterns of Physiological, Agronomic and Quality Traits in Bread Wheat under Normal and Water Deficit Conditions. Plants 11(7):952. https://doi.org/10.3390/plants11070952

El-Sanatawy, A.; El-Kholy, A. S.M.; **Ali**, **M.M.A;** Awad, M.; Mansour, E. (**2021**). Maize seedling establishment, grain yield and crop water productivity response to seed priming and irrigation management in a Mediterranean arid environment. Agronomy 11(4), 756; https://doi.org/10.3390/agronomy11040756

Ali, M.M.A.; Mansour, E. and Awaad, H. A. (**2021**). Drought tolerance in some field crops: State of the Art Review. H. Awaad et al. (eds.), Mitigating Environmental Stresses for Agricultural Sustainability in Egypt, Springer Water. https://doi.org/10.1007/978-3-030-64323-2_2

Moustafa, E.S.A.; **Ali, M.M.A**.; Kamara, M.M.; Awad, M.F.; Hassanin, A.A. and Mansour, E. (**2021**). Field screening of wheat advanced lines for salinity tolerance. Agronomy, 11, 281:1-14. https://doi.org/10.3390/agronomy11020281

Mansour, E.; Desoky, E.M; **Ali, M.M.A.**; Abdul-Hamid, M.I.; Ullah, H. Attia, A. and Datta, A. (**2021**). Identifying drought-tolerant genotypes of faba bean and their agro-physiological responses to different water regimes in an arid Mediterranean environment. Agricultural Water Management, 247. https://doi.org/10.1016/j.agwat.2021.106754

Desoky, E.M.; Mansour, E.; **Ali, M.M.A**.; Yasin, M.A.T.; Abdul Hamid, M.I.E.; Rady, M.M. and Ali, E.F. (**2021**). Exogenously used 24 epibrassinolide promote drought tolerance in maize hybrids by improving plant and water productivity in an arid environment. Plants, 10, 354.

https://doi.org/10.3390/plants10020354 .

Mansour, E.; Moustafa, E.S.A.; Desoky, E.M.; **Ali**, **M.M.A.;** Yasin, M.A.T.; Attia, A.; Alsuhaibani, N.; Tahir, M.U. and El-Hendawy, S. **(2020).** Multidimensional evaluation for detecting salt tolerance of bread wheat genotypes under actual saline field growing conditions. Plants, 9, 1324: 1-22. https://doi.org/10.3390/plants9101324

Gharib, M.A.A.H;·Qabil, N.; Salem, A.H.; **Ali, M.M.A.;** Awaad,·H.A. and Mansour, E. **(2020).** Characterization of wheat landraces and commercial cultivars based on morpho-phenological and agronomic traits. Cereal Research Communications, 49:149–159. https://doi.org/10.1007/s42976-020-00077-2. .

Awaad, H.; Negm**, Ali, M.M.A.;** Mansour, E. and Abu-hashim, M. **(2019).** Greenhouse productivity using a recirculating desalination system supported by solar energy: A Review. Twenty-Second International Water Technology Conference, IWTC22 Ismailia, 12-13 September: 360-368. http://iwtc2019.website2.me/upload/661292/documents/31C0F31FD496AD1A.pdf

Gharib, M.A.H.; Salem**,** A.H.; **Ali, M.M.A.;** Mansour, E. and Naglaa Qabil **(2019).** Genetic variation and interrelationships among agronomic traits in Egyptian bread wheat landraces and local cultivars. Zagazig J. Agric. Res., 46 (6A): 1755 – 1767. https://dx.doi.org/10.21608/zjar.2019.51861

Abdallah, Eman; Salem, A.H.**; Ali, M.M.A.** and Kamal, K.Y. **(2019).** Genetic analysis for earliness and grain yield of bread wheat (*Triticum aestivum* L.) under heat stress. Zagazig J. Agric. Res., 46 (6A): 1769-1784. https://dx.doi.org/10.21608/zjar.2019.51867

Abdallah, Eman; Salem, A.H.; **Ali, M.M.A.** and Kamal, K.Y. **(2019).** Genetic analysis of thermos tolerance and grain yield traits of bread wheat (*Triticum aestivum* L.) Using diallel analysis . Bioscience Research, 16(2):2235-2245.

Megahed, M.A. Fatma**; Ali, M.M.A.;** El-Khawaga, A.A. and A.I.A. Hassan **(2018).** Stability analysis of barley genotypes under different water stress levels. Zagazig J. Agric. Res., 45 (5): 1521-1545.https://dx.doi.org/10.21608/zjar.2018.48408

Ali, M.M.A. (2017). Stability analysis of bread wheat genotypes under different nitrogen fertilizer levels. J. Plant Production, Mansoura Univ., 8 (2):261-275. https://dx.doi.org/10.21608/jpp.2017.39617

Ali, M.M.A. and Abdulhamid, M.I.E. **(2017).** Yield stability of wheat under some drought and sowing dates environments in different irrigation systems. Zagazig J. Agric. Res., 44 (3): 865 – 886 https://dx.doi.org/10.21608/zjar.2017.52284

Ali, M.M.A. (2016). Estimation of some breeding parameters for improvement grain yield in yellow maize under water stress. J. Plant Production, Mansoura Univ., 7(12):1509-1521. https://dx.doi.org/10.21608/jpp.2016.47111

Awaad, H. A.; Salem, A.H.; **Ali, M.M.A.** and Kamal**,** K.Y. **(2016).** Expression of heterosis, gene action and relationship among morpho-physiological and yield characters in sunflower under different levels of water supply. J. Plant Production, Mansoura Univ., 7(12):1523-1534. https://dx.doi.org/10.21608/jpp.2016.47114

Sedhom, Youstina S.; **Ali, M.M.A.;** Awaad, H.A. and Rabie, H. A. **(2016).** Heterosis and factor analysis for some important traits in new maize hybrids. Zagazig J. Agric. Res., 43 (3):711-728. https://dx.doi.org/10.21608/zjar.2016.101006

Abdallah, Eman; **Ali, M.M.A.;** Yasin, M.A.T. and Salem, A.H. **(2015).** Combining ability and mode of gene action for earliness, yield and some yield attributes of bread wheat (*Triticum aestivum* L.) genotypes grown under different sowing dates. Zagazig J. Agric. Res., 42 (2):215-235.

Eman, M.A. Megahed; Ramadan, I.E.; Awaad, H.A.; Swelam, A.A. and **Ali, M.M.A. (2014).** Heterobeltiosis for morpho-physiological and yield characters of bread wheat under different levels of nitrogen. Zagazig J. Agric. Res., 41 (2):219-230.

Swelam, D.A.; **Ali; M.M.A.;** Hassan, M.A. and Salem, A.H. **(2014).** Selection criteria for improving wheat grains yield under normal irrigation and drought stress environments. Zagazig J. Agric. Res., 41 (3):695-704.

Salem, A.H., Omar, A.E.A. and **Ali, M.M.A. (2013).** Various responses of sunflower genotypes to water stress on newly reclaimed sandy soil. Acta Agronomica Hungarica, 61 (1): 55-69.

Naglaa, Qabil; **Ali, M.M.A.;** Rabie, H.A. and Salem, A.H. **(2013).** Assessment of heterosis and heterobeltiosis for yield contributing characters and protein content in wheat grown under two sowing dates. Zagazig J. Agric. Res., 40 (2): 451-463.

Salem, A.H and **Ali, M.M.A. (2012).** Combining ability for sunflower yield contributing characters and oil content over different water supply environments. Journal of American Science, 8(9):227-233. http://www.dx.doi.org/10.7537/marsjas080912.34

Salem, A.H; Awaad, H.A.; **Ali, M.M.A.;** Omar, A.E.A. and Kamal, K.Y. **(2012).** Some stability parameters in sunflower (*Helianthus annuus* L.) genotypes at various environments. Egypt. J. Agron. 34 (2): 141-153 .

Ali, M.M.A.; Eraky, A.G.; Rabie, H.A.; Alkaddoussi, A.R. and Eder, J. **(2009).** Combining ability and heterosis for earliness, grain yield and quality characters of white and yellow maize (*Zea mays* L.) across eight environments. Zagazig J. Agric. Res., 36 (2): 285-312.

LIST OF PROJECT

1. Genetic improvement for sunflower (*Helianthus annuus* L.) genotypes to drought tolerance (2009 -2011) from Zagazig Unvi. Fund.
2. Differences in response of some wheat genotypes to the current climatic changes (2011- 2013) from Zagazig Unvi. Fund.
3. Agricultural advisory services project as a guiding input to contribute to providing food needs in Egypt (2016 - 2019) from Cairo Unvi. Fund.
4. A Novel Standalone Solar-Driven Agriculture Greenhouse - Desalination System: That Grows its Energy and Irrigation Water (2018 – 2021) from British Council (**BC**) and Science & Technology Development Fund (**STDF**), Egypt

LIST OF BOOKS

1. **Principle of Plant Breeding (Arabic) 2010**
2. **Statistical Applied (Arabic) 2013**
3. **Production and Breeding Sugar Beet (Arabic)**

ADMINISTRATIVE BUSINESS:

1- Assistant Head of Agronomy Department during the presidency of Prof. Dr. Hassan O. Awwad during the academic years (2018/2019, 2019/2020 and 2020/2021).

2- Assistant Head of Agronomy Department during the term of the presidency of Prof. Dr. Saber Abdel Hamid Mowafi during the academic years (2021/2022, 2022/2023 and 2023/2024).

3- Director of the Agricultural Experiments and Research Center - Zagazig University, from 6/8/2024 **until now**.

ACTIVITIES RELATED TO QUALITY AND DEVELOPMENT:

Activity level	Description of activity	Summary of assigned tasks	History of activity From - To	The number of years of experience
Quality Committee in Agronomy Department, Zagazig University	Member	Participation in the description and report of courses and programs	2009 - Present	14
Participation in the internal review team and many studies related to the quality of the college	Member	the evaluation of course description and report and the work of studies	2010 -2012	2
Physical and Financial Resources Standard	Member	Collecting, analyzing and summarizing data and conducting studies	2015- Present	8
The standard of teaching and learning for the Agronomy program, Zagazig University	Head of the standard	Full supervision of the standard	2019 - Present	4
General Coordinator of the Agronomy Program, Zagazig University	Head of the quality team in the Agronomy program	Supervision of all standards	2022 - Present	3

CONTROL WORKS OF EXAMINATIONS:

1. Member in undergraduate students' control of the second level - Faculty of Specific Education - Zagazig University during the academic year 2009/2010.
2. Member in undergraduate students' control of the fourth level, specialties - Faculty of Agriculture - Zagazig University, during 6 consecutive years, from the academic year 2010/2011 to 2015/2016.

3. Member in undergraduate students' control of the third level of agricultural engineering - Faculty of Agriculture - Zagazig University during the academic year 2016/2017

4. Member of the control of the first level open education - Faculty of Law - Zagazig University during the academic year 2015/2016.

5. Member in undergraduate students' control of the second level of open education - Faculty of Law - Zagazig University during the academic year 2016/2017.

6. Member in undergraduate students' control of the fourth level open education - Faculty of Law - Zagazig University during the academic year 2017/2018.

7. Participated in correcting courses for postgraduate studies and a bachelor's degree in teaching them.

8. Member in undergraduate students' control of the Fourth level, Specialties - Faculty of Agriculture - Zagazig University during the years 2017/2018, 2018/2019, 2019/2020.

9. Vice President of Control of the Fourth level, Specialties - Faculty of Agriculture - Zagazig University during the years 2020/2021, 2021/2022, 2022/2023 and 2023/2024 to present.

10. Member in undergraduate students' control of the Institute of Asian Studies and Research - Zagazig University during the academic year 2019/2020.

11. Control member of the Faculty of Early Childhood - Zagazig University during the academic year 2020/2021, 2022/2023 and 2023/2024.

Reviewed Journals

Agronomy – MDPI, Sustainability - MDPI, Genes – MDPI, Sensors – MDPI, Agriculture – MDPI, Agricultural Water Management, European Journal of Agronomy, Italian journal of agronomy, Journal of the Saudi Society of Agricultural Sciences, Egyptian J. of Applied Sciences, Egyptian J. of Plant Breeding, SINAI Journal of Applied Sciences, Zagazig J. of Agricultural Research, Asian Journal of Agricultural and Horticultural Research, Asian Journal of Plant and Soil Sciences, The future Journal of Agriculture , Annals

of Advances in Chemistry, Biotechnology Journal International, Plant Cell Biotechnology and Molecular Biology, Journal of Agricultural and Crop Research, Current Journal of Applied Science and Technology, International Journal of Environment and Climate Change .

REFEREE FOR THE FOLLOWING JOURNALS

Name	MS Title	Journal	Year
El-Hawary M.A., M.H. Elsayed and T.A. Abdelateef	Effect of sowing dates on root and sugar yield of some sugar beet varieties at different locations.	Egyptian J. of Applied Sciences	2024
	Selection evaluation of yellow maize hybrids for grain yield and earliness in three locations	Zagazig J. of Agricultural Research	2024
Lingling Jiang, Bin Yang, Fan Zhao, Jie Pan, Zhenjie Chen, Junen Wu	Illuminating the dynamic water–nitrogen relationship in rice using stable isotope techniques to improve cultivation	Agricultural Water Management	2024
Jianqiang He, Yi Li1, Asim Biswas, Yonglin Jia1, Hao Feng, Qiang Yu, Shufang Wu, Guang Yang	Regional-scale Precision Mapping of Cotton Suitability Using UAV and Satellite Data in Arid Environments	Agricultural Water Management	2024
	Graphical and numerical genetic dissection via diallel by yield×traits in rapeseed: descriptive deciphering of genetic architecture	Journal of the Saudi Society of Agricultural Sciences	2024
	Integrated nitrogen fertilizer management for improving wheat yield and the efficiency of water and nitrogen fertilizer use	European Journal of Agronomy	2024
	Evaluation of rice germplasm for heat tolerance	Research Advances and Challenges in Agricultural Sciences	2024
	dissecting bread wheat heritability for yield and yield related physiological components for drought tolerance	Journal of the Saudi Society of Agricultural Sciences	2024
Kartik Madankar, PK Singh, Yathish KR, Ashok Singamsetti, Munnesh Kumar1, Chinmay Gupta, Sujay Rakshit	Multivariate analysis for identification of high yielding hybrids and inbreds in maize (*Zea mays* L.)	Vegetos	2024
	Assessment of growth, physiological efficiency, and morpho physiological parameters affecting productivity and yields in different soybean genotypes	Journal of Advances in Biology & Biotechnology	2024

	Analysis of yield stability in diverse rice genotypes	Journal of Advances in Biology & Biotechnology	2024
	Studies on Correlation And Path Analysis for yield and yield attributing traits in Pigeonpea [Cajanus Cajan (L.) Millsp.] germplasm	International Journal of Plant & Soil Science	2024
Linying Wang , Xuewei Zhao , Ruiyue Zheng , Ye Huang , Cuili Zhang , Meng-Meng Zhang , Siren Lan and Zhong-Jian Liu	Genome-Wide Identification and Drought Stress Response Patern of the NF-Y Gene Family in Cymbidium sinense	International Journal of Molecular sciences , MDPI	2024
Kenani Chiwina[1], Gehendra Bhattarai , Haizheng Xiong[*], Neelendra Joshi, Ryan W. Dickson, Theresa M. Phiri[1], Ibtisam Alatawi, Yilin Chen, Zachary Stansell, Kai-Shu Ling[*], and Ainong Shi	Evaluation of Drought Tolerance in USDA Tomato Germplasm 2 at Seedling Stage	Agronomy - MDPI	2024
Doaa R. Abou Al-Azm, A.A. Gad, H.E.M.A. Ismail and H.G. Zyada	Genetic variability and correlation studies in some genotypes of eggplant	Zagazig J. of Agricultural Research	2024
Yaoyu Jia1, Beifang Yang, Yingchun Han, Guoping Wang, Xiaofei Li, Yaping Lei, Xiaoyu Zhi, Shiwu Xiong, Minghua Xin, Yabing Li and Lu Feng	Enhanced cotton yield and fiber quality through optimizing irrigation amount and frequency in arid areas of northwest china	Agronomy - MDPI	2024
Ninghao Xie , Yi Zhao, Ming Huang , Caixia Chen, Chuanqu Cao, Jisheng Wang, Zhihua Shi and Junshan Gao	Polyploid Induction and Identification of Begonia×benariensis	Horticulturae- MDP	2023
Maura Sannino , Alberto Assirelli , Rossella Piscopo , Fausto Esposito , Salvatore Faugno	Harvesting of *Arachis hypogaea* L. in Italian Area: Synergy Between Cultural Techniques and Mechanization	Agronomy - MDPI	2023
Abd El-Aziz, M. A.; M. A. Attia; A. M. A. Gomaa and A. M. Desouky	Effect of spraying with spermine on heat stress relief in some wheat cultivars.	Egyptian J. of Applied Sciences	2023
Shiyao Xie1, Yiru Wei, Xinxin Wang and Yu Gao	Calibration and analysis of the relationship between water level and discharge in typical irrigation areas in cold regions	Sustainability - MDPI	2023
	Enhancement of vigour status through hydro and leaf extract priming and humid invigoration in ribbed gourd (coh 1) and bitter gourd (co 1)	International Journal of Environment and Climate Change	2023
	Quality Breeding In Leafy Vegetables	International Journal of Plant & Soil Science	2023

	Effect of phosphorus levels on growth and yield of Maize Hybrids	International Journal of Environment and Climate Change	2023
	Combining Ability Analysis for Grain Yield and Yield Attributing Traits in Line×Tester Crosses of Maize Across the Locations.	International Journal of Environment and Climate Change	2023
	Variability studies in diverse genotype of tomato (*Solanum lycopersicum* L.) under Varanasi conditions	International Journal of Plant & Soil Science	2023
	Effect of Nano fertilizer on growth, quality and yield of Bottle gourd (*Lagenaria siceraria*) var. sarita under Prayagraj agro climatic conditions	International Journal of Environment and Climate Change	2023
	Genotyping by sequencing reveals genetic relatedness and duplicates amongst local cassava (*Manihot esculenta* Crantz) landraces and improved genotypes in Kenya	Biotechnology Journal International	2023
Xiangzhuo Ji, Qiaohong Gao1, Zelong Zhuang1, Fangguo Chang , and Yunling Peng	Mutant lpa1 analysis of exogenous BR regulates maize leaf an-2 gle by Transcriptome Analysis	Agronomy - MDPI	2023
	Mechanistic Studies of diclofenac sodium (NSAID) adsorption on wheat (*Triticum aestivum*) bran and groundnut (*Arachis hypogaea*) shell powder using vertical and sequential bed column	Annals of Advances in Chemistry	2023
Hongyu Zhao , Kezhen Ning, Xiaoyan Zhang , Zhongren Yang , Xiumei Huang, Lizhen Hao and Zhang Fenglan	Response of *Pugionium cornutum (L.)* Gaertn. leaves to carbon fixation in photosynthetic organisms pathways under different drought stress conditions	Sustainability - MDPI	2023
Xiao Han, Fangbiao Liu , Yu Wang , Xiaoshuang Wei, Ping Tian, and Fenglou Ling, Zhihai Wu	Based on transcriptome analysis and salt tolerance gene mining in rice germination stage	Genes - MDPI	2023
	Evaluation of F_1 crosses of brinjal (*Solanum melongena* L.) landraces for growth, flowering and fruit yield attributes	International Journal of Environment and Climate Change	2023
	Determination of selection criteria and salinity tolerance indices for screening of rice genotypes	Asian Journal of Plant and Soil Sciences	2023
	Effect of Micronutrients on growth and yield of Sorghum (*Sorghum bicolor* L.)	International Journal of Environment and Climate Change	2023
	Chemical composition of some faba bean (*Vicia faba* L.) cultivars as affected by phosphorus fertilizer at different location under New Valley conditions	The future Journal of Agriculture	2023
Cornehl , Julius Krause , Xiaorong Zheng , Pascal Gauweiler , Florian Schwander	Determination of Sugars and Acids in Grape Must Using Miniaturized Near-Infrared Spectroscopy	Sensors - MDPI	2023

, Reinhard Töpfer , Robin Gruna and Anna Kicherer			
	Studies on genetic variability and diversity assessment for morphological characters of rice (*Oryza sativa* L.)	International Journal of Plant & Soil Science	2023
	Seed priming: an overview	International Journal of Plant & Soil Science	2023
Pavel Kostylev, Nataliya Kalinina1, Nataliia Vozhzhova, Valentina Golubova and Natalya Chertkova	Creation of Rice Doubled Haploids Resistant to Prolonged Flooding Using Anther Culture	Agriculture - MDPI	2023
	Efficacy of Herbicides on Weed Control & Growth Parameter on Wheat	International Journal of Environment and Climate Change	2023
Xin Feng , Lijun Wang , Shengying Bi , Bo Wang , Zhao Ma and Yunpeng Gao	Effects of threshing devices, maize varieties and moisture con- test of grains on the percentage of maize grains broken in har- vesting	Agronomy - MDPI	2023
Hee-Jin Kim, Jeong-Mi Do, Sun-Young Shin , Seong-Im Park, Jin-Ju Kim and Ho-Sung Yoon	*OsHSP17.9*, a small heat shock protein, confers improved productivity and tolerance to environmental stress in a natural paddy field in transgenic rice plants	Agriculture - MDPI	2023
Alina Elena Marta, Cristina Slabu, Mihaela Covasa , Iuliana Motrescu , Constantin Lungoci and Carmenica Doina Jitareanu	Correlations between environmental factors and some bio- chemical and physiological indicators in grapevine from Copou vineyard, Iasi, Romania	Agronomy - MDPI	2023
Nataliya Kalinina and Pavel Kostylev	Method of anther culture in vitro in the creation of rice Dihaploids resistant to prolonged flooding	Agriculture - MDPI	2023
Rehab, H. A, Abd El-Rahman and Nemat A. Naguib	Variability and Genetic Parameters in Yield and Its Attributes Among some Groundnut (*Arachis hypogaea* L.) Lines	Egyptian J. of Applied Sciences	2023
Emam, M.A.; N.A. Ghazy; Mai M. Labib; Amal M. Abdel Mageed and Soad A. Mohamoud	Identification the genetic resistance of Cercospora leaf spot disease in some sugar beet varieties using agronomic traits and molecular markers by start codon targeted (SCoTs)	Egyptian J. of Applied Sciences	2023
ElHussein M. M. Elnenny, Hoda E. A. Ibrahim, Amin M. Shawky and Rehab H.A Abd El-Rahman	Graphic analysis of trait relations of canola genotypes using the biplot method	Egyptian J. of Applied Sciences	2023
	Effect of water stress on some quinoa genotypes under north Sinai conditions	SINAI Journal of Applied Sciences	2022
	Genetic analysis for earliness and seed yield in some soybean crosses	SINAI Journal of Applied Sciences	2022

Mohsen A. Swailam , Saber A.E. Mowafy , Nehal Z. A. El-Naggar , Elsayed Mansour	Genotypic variability and interrelationships among earliness and yield-related traits in bread wheat cultivars evaluated under different phosphorus levels and nitrogen forms	Zagazig J. of Agricultural Research	2022
	Heritability, genetic advance and trait interrelationships of *Chenopodium quinoa* under Low-N and High-N organic and mineral fertilizer conditions	Plant Cell Biotechnology And Molecular Biology	2022
	Genetic variability, association and path coefficient analysis for seed yield and physiological parameters in soybean.	International Journal of Plant & Soil Science	2022
	Effect of different sowing environment on growth parameters, yield and yield components of chickpea (*Cicer aretinum* L.) varieties	International Journal of Plant & Soil Science	2022
	Variability and selection indices in two F_2 populations of brinjal from intra-specific hybridization	International Journal of Environment and Climate Change	2022
	Analysis of morphological variation, grouping and path coefficient studies in a set of maize inbred lines local to North East Hill Region of India	International Journal of Environment and Climate Change	2022
	Study on genetic variability estimates of jackfruit [*Artocarpus heterophyllus* Lam.] germplasm at northern regions of Tripura state, India	Current Journal of Applied Science and Technology	2022
	Genetic divergence and principal component analysis in soybean (*Glycine max* (L.) *Merrill*) genotypes at Pawe and Dibate, Northwestern Ethiopia	Asian Research Journal of Agriculture	2022
	Genetic variation, correlation and metroglyph analysis in rice (*Oryza sativa* L.) for grain yield characters	Asian Journal of Agricultural and Horticultural Research	2022
	Morphological characterization, evaluation and selection of hibiscus (*Hibiscus rosa-sinensis* L) genotypes for high yield	Asian Journal of Agricultural and Horticultural Research	2022
Abdallah Bendjama; Soumia Ramdani	Heritability and genetic advance of some agronomic traits in a collection of wheat (*Triticum turgidum* L. ssp) genotypes	Italian journal of agronomy	2021
	Heterosis and combining ability analysis for yield and its related traits in bread wheat (*Triticum aestivum L.*)	Plant Cell Biotechnology And Molecular Biology	2021
	Study of genetic divergence in bread wheat (*Triticum aestivum* L.) under restricted irrigation	Journal of Scientific Research and Reports	2021
	Application of AMMI biplot model to evaluate some ginger (*Zingiber officinale*) genotypes for adaptation and stability	Journal of Agricultural and Crop Research /JACR/	2021

	Plant density effect on agronomic physiological and yield of common bean (*Phaseolus vulgaris* L.) genotypes in Botswana	Journal of Agricultural and Crop Research /JACR/	2021
	Genetic analysis in putative polyploid progenies of guava (*Psidium guajava* L.) based on vegetative, fruit and anatomical characters	International Journal of Plant & Soil Science	2021
	Study of Genetic Diversity for Selected Genotypes of Rice	International Journal of Plant & Soil Science	2021
	Genetic variability and correlation studies for pre-harvest sprouting tolerance and associated traits in soybean [*Glycine max* (L.) *Merrill*.]	Current Journal of Applied Science and Technology	2021
	Assessment of genetic variability, cause effect and interrelationship among yield components in chickpea (*Cicer arietinum* L.)	International Journal of Plant & Soil Science	2021
	Assessment of genetic variability and correlation of yield related traits in chickpea (*Cicer arietinum* L.)	International Journal of Plant & Soil Science	2021

Conferences/Seminars/training Organization

Subject	**Place**	**Beginning date**	**End date**
Qualifying university leaders (Vice- Deans and Heads of Departments)	Faculty and Leadership Development Center - Zagazig University	1/7/2024	3/7/2024
Legal and Financial Aspects in University Environment	Faculty and Leadership Development Center - Zagazig University	26/4/2022	28/4/2022
Self-management and Development and Overcoming Stress Management	Faculty and Leadership Development Center - Zagazig University	26/4/2022	28/4/2022
International Publication of Scientific Research	Faculty and Leadership Development Center - Zagazig University	19/4/2022	21/4/2022
Modern Methods of Measurement and Evaluation - Online - Morning	Faculty and Leadership Development Center - Zagazig University	12/4/2022	14/4/2022
Peer review of theses and scientific research - online - evening	Faculty and Leadership Development Center - Zagazig University	22/3/2022	24/3/2022
Strategic planning for higher education institutions	The National Authority for Education Quality Assurance and Accreditation	7/2/2022	8/2/2022
DAAD Academic & Research Skills	Zagazig University	10/12/2020	10/12/2020
Global trends and impacts of biotech crops & ISAAA's potential role in Arab region	The Association of Arabs Universities via the Zoom	9/12/2020	9/12/2020
The 22nd International Water Technology Conference	Tolip El Forsan Hotel - Ismailia , Egypt	12/9/2019	13/9/2019

Conference on "Field Crop Production in Light of Limited Water Resources in Egypt"	Agricultural Research Center	18/12/2018	19/12/2018
The Second National Forum "Development of Medium, Small and Micro Enterprises and Industrial Projects	National Research Center	2/9/2018	3/9/2018
Participation as a trainer in the agricultural extension and advisory services project as an indicative input to contribute to providing food needs in Egypt,	Directorate of Agriculture, Sharkia Governorate	20/5/2018	23/5/2018
Seminar on "Non-Territory Agriculture and the Challenges of Food Production"	National Committee for Biological Sciences	21/11/2017	21/11/2017
Workshop on Erasmus+Program	Zagazig University	8/11/2017	8/11/2017
The Tenth International Conference on Plant Breeding	Faculty of Agriculture, Menoufia University	5/9/2016	6/9/2016
Workshop on climate change and combating desertification in Egypt and China,	National Research Center	27/4/2016	27/4/2016
The Ninth International Conference on Plant Breeding,	Faculty of Agriculture, Benha University	7/9/2015	8/9/2015
The third seminar of the Egyptian-Finnish project (Using new techniques for molecular parameters in plant breeding)	Ismailia Agricultural Research Station	26/3/2015	26/3/2015
The first football tournament for faculty members	faculty club, Faculty of Agriculture - Zagazig University	22/2/2015	7/3/2015
Self-evaluation of higher education institutions	The National Authority for Education Quality Assurance and Accreditation	7/2/2015	9/2/2015
The First Conference on Strategies for Facing the Challenges of Education and Scientific Research in Egyptian Universities	Strategic Planning Unit - Zagazig University	11/11/2014	12/11/2014
Local and international competitive research projects	Faculty and Leadership Development Center - Zagazig University	20/8/2013	21/8/2013
International Publishing of Scientific Research	Faculty and Leadership Development Center - Zagazig University	13/8/2013	14/8/2013
Managing Research Teams	Faculty and Leadership Development Center - Zagazig University	30/7/2013	31/7/2013
Managing Time & Meetings.	Faculty and Leadership Development Center - Zagazig University	28/7/2013	29/7/2013
Use of Technology in Teaching	Faculty and Leadership Development Center - Zagazig University	24/7/2013	25/7/2013
Wheat Self-Sufficiency Workshop in Egypt - Reality and Hope	Faculty and Leadership Development Center - Zagazig University	21/5/2013	21/5/2013
The Eighth International Conference on Plant Breeding,	Faculty of Agriculture, Kafr El-Sheikh University	14/12/2013	15/12/2013

The National Conference of the Agricultural	Biological Research Division for Agricultural Development in Sinai, the National Research Center	11/12/2012	11/12/2012
Financial and legal aspects in university business	Faculty and Leadership Development Center - Zagazig University	24/7/2010	26/7/2010
The second scientific forum for young researchers	Faculty of Agriculture, Zagazig University	23/5/2010	23/5/2010
English Language Course (TOEFL)	English Language Center at the Zagazig University	5/3/2009	3/5/2009
Scientific Conference Organization	Faculty and Leadership Development Center - Zagazig University	14/7/2009	16/7/2009
The Credit Hour System	Faculty and Leadership Development Center - Zagazig University	11/7/2009	13/7/2009
Obtaining a training course in the field of biotechnology	from the Biotech Cluster Development Foundation in Munich - Federal Germany	5/3/2008	18/4/2008
Obtaining the International Computer Driving License (ICDL)	Cisco Institute in Zagazig	22/1/2007	28/3/2007
German Language Course	German Language Center (ZFD) in Dokki, Giza.	2/7/2006	9/12/2006
Decision Making and Problem Solving	Faculty and Leadership Development Center - Zagazig University	2/5/2006	4/5/2006
Effective Teaching Skills	Faculty and Leadership Development Center - Zagazig University	26/4/2006	30/4/2006
Professional Ethics	Faculty and Leadership Development Center - Zagazig University	21/3/2006	23/3/2006
Scientific Research Skills	Faculty and Leadership Development Center - Zagazig University	29/9/2005	3/10/2005
Teaching Principles "University Teacher Preparation"	Faculty of Education - Zagazig University	20/9/2003	11/10/2003
A training program in computers	Faculty of Science, Zagazig University	13/10/2001	15/1/2002

Citations and Other Statistics (as of October 2024)

- Social Science Citation Index (Web of Science): over 364 citations, h-index 9
- Scopus : over 377 citations, h-index 9
- Google Scholar: over 667 citations, h-index 14
- Researchgate : over 571 citations, h-index 12

REFERENCES

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