

# CURRICULUM VITAE

## I- PERSONAL DATA:

- 1- Full name** Hatem Mohamed Ali Abd El-Ghany.  
**2- Birth** May 21,1970. El-Santa, El- Gharbiya Gov., ARE.  
**3-Sex** Male. **4- Marital status** Married  
**5- Military** Completed **6- Nationalty** Egyptian



- 7- Address** *Home:*  
Mobil. 00966536298729 , 00201224148053, [Hatem\\_m7@yahoo.com](mailto:Hatem_m7@yahoo.com)

### *Work & Mailing:*

Field Crops Res. Dept., National Research Centre, El- Bohouth St., Dokki, Cairo, Egypt.

- 8- position** Professor Doctor, Field Crops Res. Dept., NRC.  
**9- Language** Native language is Arabic and good English skills ; reading, writing and speaking  
**10- Duties & area of interest**
- Field experiments in progress of Pollination, selection and evaluation new crop genotypes and varieties and their elements nutrition and chemical content for quality traits as well as hybrids production.
  - Design and statistical analysis of scientific experiments.
  - Data analysis, preparing and writing technical and scientific papers and reports.
  - Good users of computer to serve our research, communications and computerized statistical analysis programs.
  - Developing the new genotypes and produce high-yielding varieties and hybrids, breed for tolerance, salinity, water scarcity and drought for new land and rainfed conditions.
  - Using tissue culture technique to offer several advantages for field crops improvement, particularly in respect of water stress tolerance.
  - Providing and developing suitable packages of field recommendations for newly developed varieties and hybrids as well as for new reclaimed sandy soil.
  - Cooperation with my colleges to use of molecular markers as aided tools in breeding programs, fingerprinting of promising inbred lines and hybrids and protein analysis by electrophoresis.
  - Interested in fundamental and advanced of crop science, crop breeding, crop morphology, crop physiology and environment, land reclamation, agricultural irrigation and water management, use of organic waste and bio-fertilizer in agriculture.

## II- EDUCATION DATA

- **B.Sc.** of Agric. Sci. (Agronomy), Fac. of Agric., Minufyia Univ., Egypt. **Jun., 1991**
- **M.Sc.** of Agric. Sci. (Agronomy) titled “Response of some new wheat varieties to **Jul., 1997**

some agricultural practices”, Fac. of Agric., Minufia Univ., Egypt.

- **Ph.D.** of Agric. Sci. (Agronomy) titled “Studies on embryo culture in wheat and association with yield and its components”, Fac. of Agric., Minufya Univ. Egypt. **May, 2003**

### **III- EMPLOYMENT HISTORY**

- Research assistant, Field Crops Res. Dept.,NRC. **Mar., 7, 1992 - Aug., 17, 1997**
- Associate Researcher, Field Crops Res. Dept., NRC. **Aug., 18, 1997- Jul., 25, 2003**
- Researcher, Field Crops Res. Dept., NRC. **Jul., 26, 2003 - Jul., 29, 2008.**
- Research Associate Professor, Field Crops Res. Dept., NRC. **Jul., 30, 2008 - Jul., 30, 2013**
- Research Professor Dr., Field Crops Res. Dept., NRC. **Jul., 31, 2013 - Till now.**
- Collaborator Prof. Dr. at Biology Department, Faculty of Science and humanities Alquyaiyh, Shaqraa University, KSA. **2013 - 2014**

### **IV- SCINTIFIC ACTIVITY**

#### ▪ **Training & Experience**

##### ▪ **English language**

- English courses (Levels & TOEFL Preparation), American Univ., Egypt. **1994 - 1995**
- TOEFL international exam. Score "427". **Mar., 1997**
- English course, Training Center, NRC, Egypt. **Jul., - Aug., 2001**

##### ▪ **Computer**

- Introduction and windows, **Training Center**, NRC, Egypt. **Sept., 28 - Nov., 3, 1994**
- Introduction and Basic language, Tra. C., NRC, Egypt. **Feb., 12 - Mar., 12, 1995**
- Introduction to computer, Dos & Word perfect, AUC, Egypt. **Summer 1995**
- Microsoft office (Excel), Tra. C., NRC, Egypt. **Apr., 28 - Jun., 2, 2001**
- Microsoft office (WinWord), Tra. C., NRC, Egypt. **Apr., 30 - May 28, 2001**
- Windows 98 in computer, Tra. C., NRC, Egypt. **Oct., 8 - Nov., 5, 2001**
- Small and medium business Roadshow, Nile Hilton Hotel, Cairo, Egypt. **Mar., 26, 2007**
- IT Security Roadshow, Nile Hilton Hotel, Cairo, Egypt. **June, 19, 2007**
- IT in Government Roadshow, Grand Hyatt Hotel, Cairo, Egypt. **Dec., 01, 2008**
- International Computer Driving Licence (ICDL), UNSCO, Egypt. **June, 2011**

##### ▪ **Specialized courses**

##### ▪ **Trainee**

- New researchers course, Tra. C., NRC, Egypt. **Oct., 1 - 19, 1995**
- Scientific writing and Authorship course, Tra. C., NRC, Egypt. **Nov., 11 - 15, 1995**

- (80 hours) Gene transfer in plants, Genetic Engineering Res. Center, Cairo Univ., Egypt. **Sept., 6 - 16,1997**
- Libraries services and its induced in the new electronic prosperity, Academy of Scientific Research and Technology, Egypt. **Dec., 14 - 22, 1999**
- The applications of radioisotopes, induced mutations and tissue culture methods in Agricultural crops improvement, Middle Eastern Radioisotope Center for Arab Countries, Atomic Energy Authority, Egypt. **Aug., 25 - Sept., 5, 2001**
- Statistical bases and proceduros for biological sciences, Tra. C., NRC,Egypt. **May 10 - Jun., 4, 2003**
- Irrigation networks and estimation of water requirements. Tra. C.,NRC, Egypt. **Jun., 4 - 15, 2005**
- Statistical analysis using SPSS program, Tra. C., NRC, Egypt. **Mar., 11 - 22, 2007**
- SPSS program, Tra. C., NRC, Egypt. **Apr., 10 - 19, 2007**
- Workshop, Project Management, DAAD Kairo Akademie, Egypt **May 31, 2012**
- **Trainer**
- Teaching in the National program for graduates . Tra. C., NRC, Egypt. **Sept., 15 - Dec., 15, 2003**
- Lecturer, Wheat yield improvement. Symp. Nile center, Minstry of information, Egypt. **Oct., 5 - 7 , 2007**
- Teaching in the Biotechnology training course for Commonwealth countries. Tra. C., NRC, Egypt. **Oct., 18 - 29, 2009**
- The Coordinator & Teaching in Biological Statistics (hypothesis and appliance), Tra. C., NRC, Egypt. **Nov., 28 - Dec., 8, 2010**
- **Symposiums & Meetings**
- Fertilizers and its role in Egyptian agricultural development. Symp. Agric syndicate, Egypt. **Jun., 19, 1995**
- Egyptian cotton , its present and future. Symp. Fac. of Agric., Minu. Univ., Egypt. **Apr., 20, 1999**
- Naked Barley is the strategic crop of Egypt for next century. Symp. Fac. of Agric., Minu. Univ., Egypt. **Jun., 15, 1999**
- Biological control and its role in the production of safe food. Symp., Center of Excellence for Advanced Sciences NRC, Egypt. **Jun., 9, 2009**
- Towards a sustainable agriculture environment (2). Symp., Socity of Yang Researchers, **May 24, 2010**
- Nile River hydrological and factors affecting Egypt's share of water, Symp. **Nov., 10, 2010**

The African Society for the Nile basin studies

- Toward self-sufficiency of wheat Symp. Agric syndicate, Egypt. **Apr., 11, 2011**

### ▪ **Conferences & workshops**

- 9<sup>th</sup> Crops science conference, Fac. of Agric., Minu. Univ., Egypt. **Sept., 2 - 3, 2000**
- Workshop of liver and environment (risks & solution) Fac. of Medicine, Tanta Univ., Egypt. **Apr., 3, 2006**
- DIES conferenc (management of higher education and scientific research) towards a joint higher education area in the Arab world) DAAD Cairo offic and Cairo Univ., Egypt. **Jul., 1- 4, 2006**
- SESAME-JSPS School & SESAME 7<sup>th</sup> users' meeting. Cairo Univ., Egypt. **Nov., 17 - 22 , 2008**
- 1<sup>st</sup> Conjoint workshop between Socitey for Women in Science in Developing Countries – Egypt & National Research Centre (Towards a safe and healthy wormen's life), National Research Centre, Egypt. **Mar., 8 - 9, 2009**
- Conferenc of Agricultural Development in Sinai, Agric syndicate, Egypt. **Jun., 27, 2011**

### ▪ **Abroad Missions**

- 4<sup>th</sup> International crop science congress. Brisbane, Queensland, Australia. **Sept., 26 - Oct.,1, 2004**
- 2<sup>nd</sup> International conference on integrated approaches to sustain and improve plant production under drought stress. Univ. of Rome, Italy. **Sept., 24 - 28, 2005**
- Workshop (Improving Water Use Efficiency in MEDiterranean agriculture: what limits the adoption of new technologies?) National Research Council, Rome, Italy. **Sept., 29 - 30, 2005**
- 6<sup>th</sup> International crop science congress. Bento Goncalves RS, Brazial. **Aug., 6 - 10, 2012**

### ▪ **Research & National Projects**

- Researcher assistant, National Agricultural Research Project (NARP), Fac. of Agric., Minu. Univ., Egypt. **1993 – 1996**
- Researcher, Effect of crop systems and utilization of different fertilizing system on yild and quality of some field crops under reclaimed soils. National Research Center, Egypt. **Apr., 2002 - Aug., 2005**
- Researcher, National Campaign to Improve Maize. Egypt. **Feb., 2004 - Dec., 2006**
- Researcher, Improvement of yield performance and quality of some oil and sugar crops under different cultur treatment. NRC, Egypt. **2004 – 2007**
- Researcher, Development of traditional and non-traditional forage crops and some Halophytic plants productivity. NRC, Egypt. **2004 – 2007**

- Researcher, Effect of new technologies application on the productivity of some pulse crops under newly reclaimed soils condition. NRC, Egypt. **2004 – 2007**
- Researcher, Increasing of Intercropping Rate, Agricultural Research Center, Egypt, Co- with European Common Market. **2004 – 2010**
- Researcher, Improve crop production potentials of wheat in the light of the economic variables and current environmental. NRC, Egypt. **2010 – 2013**
- Researcher, Increase the net return of land by using new non-traditional forage crops and mixtures. NRC, Egypt. **2010 – 2013**
- Researcher, Increasing water use efficiency and improving productivity and quality of some crops under modern irrigation systems. NRC, Egypt. **2010 – 2013**
- Researcher, National Campaign to Improve Wheat. Egypt. **Nov., 2012 – 2013**

#### ▪ **Scientific Union & Association**

- Member of Agricultural syndicate, Cairo, Egypt. **1991 - Till now**
- Member of the Egyptian society of plant breeding, Egypt. **Apr., 2006 - Till now**
- Member of Junior Scientists Association, Egypt. **Feb., 2010 - Till now**

#### ▪ **Scientific Supervision**

- M. Sc. (progress) Physiological studies on some maize hybrids cultivated under drought stress conditions. National Research Centre, Egypt. **1991 -**

#### ▪ **Cultural Activity**

- Scientific article entitled (the cultivation of new types of wheat in the South Valley, Toshka, Sinai and the northern coast). Opinion Newspaper, Egypt. No. 725, pp. 10. **Jun., 14 , 2004**
- Registration speech broadcast on (Organic farming and return to nature), through New Thinking program, Egyptian Radio. **Dec., 20, 2006**
- Scientific article entitled (Desert development .. dream emerge). Eshraqa Magazine, Egypt. No 34, pp. 29. **Jun., 2007**

#### ▪ **Appreciation & Honor**

- Ideal Student, Ashnaway prep school, El-Santa Education Department, Gharbyia Gov., Egypt. **Year, 1983**
- Honor the Minufia University to the first graduates in the anniversary. **Year, 1992**

- Honor the National Research Centre for obtaining a master's degree in **Year, 1998** Science Day.
- Honor the National Research Centre for obtaining a doctoral degree in **Year, 2003** Science Day.
- Honor the Agriculture & Biological Research Division, National Research **Year, 2012** Centre for Scientific authorship

## **V. LIST OF PUBLICATION**

### **▪ Scientific papers**

1. **Abd El-Ghany, H.M.**; Nawar, A.A.; Ibrahim, M.E.; El-Shamarka, Sh.A.; Selim, M.M.; and Fahmi, A.I. (2004) Using tissue culture to select for drought tolerance in bread wheat. ([http://www.cropscience.org.au/icsc2004/poster/3/4/2/563\\_hatam.htm#TopOfPage](http://www.cropscience.org.au/icsc2004/poster/3/4/2/563_hatam.htm#TopOfPage))
2. **Abd El-Ghany, H.M.**; Abd El-Salam, M.E. and Gaafar, N.A. (2005) Utilization of organic and biofertilizers for maize production under new reclaimed sandy soil conditions. *Minufiy J. Agric. Res.*, (30) 3: 957- 967.
3. **H.M. Abd El-Ghany**, and M.M. Selim, (2006) Effect of preceding crop and some fertilization regime on growth, yield and grain qualities of maize in sandy soil. *Bull. NRC, Egypt*, Vol. 31, No. 4, pp 337 - 345.
4. M.E. Ibrahim, **H.M. Abd El-Ghany** and N.A. Gaafar (2006) Effect of Nitrogen Fertilizer and Its Application Time on Growth and Yield of Two Sunflower Varieties. *Bull. NRC, Egypt*, Vol. 31, No. 3, pp 233 -243.
5. S.E. Sadek, M.A. Ahmed and **H.M. Abd El-Ghany** (2006) Genetic Differences of Product Energy of four Parents Inbred Lines and Five Yellow Hybrid Maize (*Zea Mays*. L) Genotypes Grown in Egypt. *Journal of Applied Sciences Research* 2 (3): 153 - 158.
6. S.E. Sadek, M.A. Ahmed and **H.M. Abd El-Ghany** (2006) Correlation and Path Coefficient Analysis in Five Parents Inbred Lines and Their Six White Maize (*Zea Mays* L.) Single Crosses Developed and Grown in Egypt. *Journal of Applied Sciences Research* 2 (3): 159 - 167.
7. **Abd El-Ghany H.M.**, (2007) Wheat production under water-limited sandy soil conditions using bio-organic fertilizer systems. *Egypt J. Agron.*, 29, 1: 17-27.
8. **Abd El-Ghany H.M.**, M.M. Osman, M.E. Sadek (2008) Evaluation of some white maize inbred lines for combining ability based on top-crosses *J. Agric. Sci. Mansoura Univ.*, 33 (3): 1747 - 1760.
9. **Abd El-Ghany H.M.**, M.E. Ibrahim and Manal F. Mohamed (2008) Effect of plant density on growth and yield of two sunflower varieties. *J. Agric. Sci. Mansoura Univ.*, 33 (3): 1761 - 1770.
10. Abd El-Salam M.S., Ashour N.I. and **Abd El-Ghany H.M.** (2008) Forage production in sole and mixed stands of fodder maize (*Zea mays* L.) and mungbean (*Vigna radiata* L.Wilczek). *Bull. NRC, Egypt* Vol. 33, No. 1, pp 27 - 34.
11. **Abd El-Ghany H.M.**, Aml E.A. El-Saidy and M.M. Zin El-Deen (2010) Effect of organic residue on yield and nutrient uptake of wheat under sandy and calcareous soils conditions. *J. Plant Prod.*, Mansoura Univ. Vol. 1 (11) 1525 – 1540.

12. Aml E.A. El-Saidy, S. Farouk and **H.M. Abd El-Ghany (2011)** Evaluation of Different Seed Priming on Seedling Growth, Yield and Quality Components in Two Sunflower (*Helianthus annuus* L.) Cultivars. Trends in Applied Sciences Research. 6 (9) 977 - 991.  
<http://scialert.net/abstract/?doi=tasr.2011.977.991>
13. **Abd El-Ghany, H.M.,** M.F. El Kramany, Aml E. A. El-Saidy (2011) Evaluation of Some Exotic Durum Wheat (*Triticum durum* Desf.) Genotypes in Egypt. 1- Quantitative traits of 29 genotypes under sandy soil. Journal of Applied Sciences Research. 7 (6): 1016 – 1023.  
<http://www.aensiweb.com/jasr/jasr/2011/1016-1023.pdf>
14. Sadek, Moshera .S.E., **H.M. Abd El-Ghany,** and, M.A Abd El Moula (2011) Stability performance of some new yellow maize genotypes across four locations. Egypt J. Agron. Vol. 33, No2, 179-188.
15. **Abd El-Ghany, H.M.,** M.S. Abd El-Salam, M. Hozyen and M.H.M. Afifi (2012) Effect of deficit irrigation on some growth stages of wheat. Journal of Applied Sciences Research, 8 (5): 2776-2784.  
<http://www.aensiweb.com/jasr/jasr/2012/2776-2784.pdf>
16. **Abd El-Ghany, H.M.,** El-Saady, A.M. and Khalifa, R. Kh. M. (2012) Evaluation of some new durum wheat genotypes for growth, yield and micronutrients use efficiency under sandy soil conditions. Australian Journal of Basic and Applied Sciences, 6 (10): 494 - 499.  
<http://www.ajbasweb.com/ajbas/2012/October/494-499.pdf>.
17. **Abd El-Ghany, H.M.,** M.M. Ibrahim and Hoda M.M. El-Gharbawy (2012) Evaluation of Some Exotic Durum Wheat (*Triticum durum* Desf.) Genotypes in Egypt 2. Correlation and path coefficient analysis of grain yield related to yield components. Bull. NRC, Egypt. Vol. 37, No. 2, pp 69 - 81.
18. Hozayn M., M.M. Tawfik, **H.M. Abd El-Ghany,** A.M. Korayem (2013) Effect of Plant Density on Yield and Sugar Quality Characteristics of Sugar Beet. Journal of Applied Sciences Research, 9 (1): 1004-1009.
19. Abd El-Salam, M.S., I.M. El-Metwally, **H.M. Abd El-Ghany** and M. Hozayn (2013) Potentiality of using mungbean as a summer legume forage crop under Egyptian condition. Journal of Applied Sciences Research, 9 (2): 1238-1243.
20. **Abd El-Ghany, H.M.,** Ebtessam A. El-Housini. and M.H.M. Afifi (2013) Effect of certain macronutrients foliar application on growth, yield and nutrients content of grains for two bread wheat varieties in sandy soil. Journal of Applied Sciences Research, 9 (2): 1110-1115.
21. El-Dahshouri. M. F.1, M. M. El-Fouly, R. Kh. M. Khalifa, **H. M. Abd El-Ghany (2017)** Effect of zinc foliar application at different physiological growth stages on yield and quality of wheat under sandy soil conditions. CIGR Journal Open access at <http://www.cigrjournal.org> Special issue, 193 – 200.

### ▪ Scientific books

1. **Hatem Abd El-Ghany,** Wheat improvement, Immature embryo culture and drought tolerance. Lambert Academic Publishing GmbH & Co. KG ,Germany, 2012, 116p  
<https://www.morebooks.shop/store/gb/book/wheat-improvement/isbn/978-3-659-12624-6>