



CURRICULUM VITAE

MAHMOUD ABDEL-MOHSEN HASSAN

2013

I have read the following and certify that the Curriculum Vitae is a current and accurate statement of my professional record.

Name : .Mahmoud A.. Hassan.....

Date : 30/3/2013.....

Professional Information

Name : Mahmoud Abdel-Mohsen Hassan

Professional Address : Department of Horticulture
Faculty of Agriculture
Suez Canal University
Ismailia, Egypt.
Tel. 002-01224007941
E-mail: Profmahmoud21155@yahoo.com

Date & Place of Birth : January 21, 1955 – Alexandria, Egypt.

Marital Status : Married

Academic Qualifications

Ph.D. : Major: Horticulture
Minor: Plant Tissue Culture & Genetic Engineering, University of Maryland, College Park, Maryland, U.S.A. (1991).
Dissertation Advisor: Dr. Harry J. Swartz
Dissertation Title: The Biology of *Agrobacterium tumefaciens*-Vectored *Rubus* Transformation and Selection of Transformed Plants.

M.S. : Major: Horticulture
Minor: Nutrition and Physiology of Vegetables, University of Suez Canal, Department of Horticulture, Ismailia, Egypt. (1982).
Thesis Advisor: Dr. Farouk A. Omar
Thesis Title: Physiological Studies on Nutrition of Strawberry Plants Grown in Sandy Soil.

B.S. : Horticulture- with Honor, University of Alexandria, Department of Horticulture, Alexandria, Egypt (1977).

Employment History

1. **Vice President for Education and Student Affairs**, Suez Canal University, Ismailia, Egypt (December 2011, to present).
2. **Dean, Faculty of Agriculture**, Suez Canal University, Ismailia, Egypt (June 2009, to December 2011).
3. **Vice Dean for graduate studies and research**, Suez Canal University, Ismailia, Egypt (January 2009, to June 2009).
4. **Executive director**, University education developmental center and PMU, Suez Canal University, Ismailia, Egypt (June,2008 to January,2009).
5. **Director**, Quality Assurance Center of Suez Canal University, Ismailia, Egypt. (September, 2006 to December, 2010).
6. **Professor** (Jan 2006 to present)
Department of Horticulture, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt.
7. **Associate Professor (May 2000 to Jan. 2006)**
Department of Horticulture, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt.
8. **Assistant Professor (September 1995 to September 2001).**
Department of Biology, Faculty of Science, United Arab Emirates University, Al-Ain, United Arab Emirates.
9. **Assistant Professor (March 1992 to September 1995).**
Department of Horticulture, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt.
10. **Research Associate - Post-doctoral Fellowship (Sept. 1990 to Jan. 1992).**
Tissue Culture Laboratory, Vegetable Department, USDA, Beltsville, Maryland, U.S.A.
11. **Graduate Research Assistant II, III (1985 to August 1990).**
Department of Horticulture, University of Maryland, Maryland, U.S.A.
12. **Assistant Lecturer (1982 to 1985).**
Department of Horticulture, University of Suez Canal, Ismailia, Egypt.
13. **Demonstrator (1979 to 1982).**
Department of Horticulture, University of Suez Canal, Ismailia, Egypt.

Professional Affiliation

1. Member of the American Society for Horticultural Science.
2. Member of the American Society for Plant Tissue Culture.
3. Member of the Egyptian Society for Natural Toxins
٤. Member of the Egyptian Society for Horticultural Science
٥. Member of the Editorial Advisory Board of Agric. Res. J., Suez Canal Univ.

Conferences and Symposiums Attended

1. ASHS, Northern Region Annual Meeting, Univ. of Maryland, U.S.A. (1985).
2. Annual Meeting of ASHS at Florida State University, U.S.A. (1987).
3. Annual Meeting of ASHS at Michigan State University, U.S.A. (1988).
4. Annual Meeting of ASHS at Oklahoma University, U.S.A. (1989).
5. Annual Meeting of ASHS at Arizona University, U.S.A. (1990).
6. Scientific Meeting: Application of Biotechnology to *Rubus* Plants at McGill University, Montreal and Laval University, Quebec, Canada (1990).
7. Annual Meeting of ASHS at Pennsylvania State University, U.S.A. (1991).
٨. Second Annual Symposium in Molecular and Cell Biology. Univ. of Maryland, USA., May 10, 1991.
9. First Egyptian-Italian Symposium on Biotechnology, Assiut University, Egypt (1992).
10. Conservation of Mangal Ecosystems. UAE University, Dec. 1996.
11. The Cloninig Dilemma. Dubi Police Departement. April 1998.
12. The Second Arab International Conference and Exhibition on the Environmental Biotechnology. Emirates Heritage Club. April 2000.
13. International Symposium on Elemental Sulfur for Agronomic Applications and Desert Greening . E. Force, UAE University. Feb. 2001.
١٤. The Fifth Arabian Conference for Horticulture. Faculty of Agriculture, Suez Canal University, Ismailia, Egypt. April ٢٠٠١.
15. Biodiversity and Conservation in the United Arab Emirates. Biology Departement. AL-Ain, May 2001.

16. Disease and Productive Problems Affecting the Production and Exportation of Strawberry and Green Beans. Genetic Engineering Institute, Agriculture Research Center. Giza, Egypt. March 4, 2003.
17. Bio- and Organic Agriculture. A Future View for Horticultural Crops. Agriculture Research Center, Horticulture Research Institute. Giza, Egypt. April 13, 2003.
18. The First Symposium on " Natural Toxins: Lethal or curative". The Egyptian Society for Natural Toxins. Suez Canal Univ., Ismailia, Egypt. Oct. 19, 2003.
19. Conference on Non-traditional Methods for the Production and Improvement of Agricultural Crops. Ministry of Scientific Research and Technology and Scientific Research Academy. Egyptian International Center for Agriculture. December 1, 2003.
20. Better Future for The Exportation of Horticultural Crops. Agriculture Research Center, Horticulture Research Institute. Giza, Egypt. April 20, 2004.
21. The First International Conference on Natural Toxins, October 6 University . October 6, Egypt. December 18-19, 2004.
22. The Fourth Plant Breeding Conference. Ismailia, Egypt. March 5, 2005.
23. The Sixth Arabian Conference for Horticulture. Ismailia, Egypt. March 20-22, 2005.
24. The preparatory hearing sessions for the national conference for the development of secondary school and admission policy to University education. Student Union building, El-Agoza, Cairo. April 3, 2008.
25. Tempus Conference on quality of higher education. Cairo, Egypt. May 7- 8, 2008.
26. The National Conference for the development of Secondary Education and Admission policy to University Education., Al-Azhar University Conference Center, Nasr City. May 11-12, 2008.
27. The second conference for production, development and investment. Ismailia, May 13 - 16, 2008.
28. The third conference for development and investment. Ismailia, May 25 - 27, 2010.
29. The fourth conference on natural toxins, Suez Canal Univ., Ismailia, Egypt. December, 2010.

30. The second Arabian European Food Tec. Conf. on "Advances in Meat and Fish Technology". Ismailia, December 7- 8, 2010.
31. Conference on "Lab. Safety", Community Medicine Department, Fac.of Medicine, Ismailia, Egypt. December 28 - 29, 2010.
32. The Seventh Arabian Conference for Horticulture. Ismailia, Egypt. March 24-26, 2013.

Workshops Attended or Organized

1. New Methodologies and Technologies in Teaching Science, UAE University, Al-Ain (Sept. 3-6, 1996).
2. Advanced Utilization of Modern Information Technology in Basic and Engineering Science University Education, UAE University, Al-Ain (April 13-15, 1998).
3. "Creating Web sites for Teaching Courses". UAE University. Academic Affairs. May 15 - 18 , 1999.
4. Training of Trainers Workshop (TOT VI). Suez Canal University. Ismailia, Egypt. July 17-21, 2004.
5. Decisions making and problems' solving. FLDP program, Suez Canal University. Ismailia, Egypt. September 18-21,2005.
6. Logistic and law in University. FLDP program, Suez Canal University. Ismailia, Egypt. March,2006.
7. Development of effective communication skills . FLDP program, Suez Canal University. Ismailia, Egypt. May,2006.
8. Quality Assurance and Accreditation. FLDP program, Suez Canal University. Ismailia, Egypt. June, 2006.
9. Teaching Ethics and Morality. FLDP program, Suez Canal University. Ismailia, Egypt. December,2006.
10. Supervised several training short courses in FLDP program, Suez Canal University. Ismailia, Egypt, during the period from 2005 to 2006.

11. University Leaders Meeting. Student Assessments: A Mandatory Requirement for Accreditation workshop. QAAP, Faculty of Agriculture, Cairo University. Dec. 7, 2006.
12. Quality Assurance and Accreditation in Higher Education: Pathway to the Future. HEEP, QAAP and Ministry of Higher Education, Cairo University. Jan. 16th, 2007.
13. Online Distance Education workshop, United Nation University-Global Virtual University and Suez Canal University, Ismailia, Egypt. February 13-14, 2007.
14. Basic peer reviewer workshop. Project Management unit, QAAP, Faculty of Agriculture, Cairo University. August 20th, 2007.
15. Advanced peer reviewer workshop. Project Management unit, QAAP. September 5, 2007.
16. Training of trainers (TOT) workshop, Preparatory level. University of Cairo, Egypt. February, 2008.
17. One day workshop on Kaizen management (Toyota way). Four seasons Hotel, Nile Plaza. Cairo, March 22, 2008.
18. Workshop on modern agriculture methods and quality, management of Packaging station and logistics of transportation and exportation. Balma Hotel, Ismailia. May 31, 2008.
- 19- Strategic planning workshop. National Center for Faculty and Leadership Development. Suez Canal University, Center of Education Development, Ismailia. November 21-23, 2009.
- 20- Institutional self evaluation workshop, for higher education institutions. National Authority for Quality Assurance and Accreditation of Education. Suez Canal University, Center of Education Development, Ismailia. February 13-17, 2010.
- 21- External Reviewers workshop, for higher education institutions. National Authority for Quality Assurance and Accreditation of Education. Suez Canal University, Center of Education Development, Ismailia. February 20-24, 2010.
- 22- Learning outcomes and curriculum mapping workshop for higher education institutions. National Authority for Quality Assurance and Accreditation of Education. Suez Canal University, Center of Education Development, Ismailia. March 13-17, 2010.
- 23- Intensive training course for higher educational institutes, National Authority for Quality Assurance and Accreditation of Education, Cairo, Egypt. November 23-25, 2010.

Refereed Publication

- 1- El-Seifi, S. K.; M. A. Hassan; E.L.E. Fathy; M.W. E.lwan and A.E. Abd El-Basir (2013). Protective effect of some bio-stimulants and anti-stressors on vegetative growth and mineral content of sweet pepper plants under natural heat stress conditions. The Seventh Arabian Horticulture Conference. Suez Canal University, Ismailia, Egypt, March24-26, 2013." Accepted".
- 2- Hassan, M.A.; S. K. El-Seifi; E.L.E. Fathy; M.W. E.lwan and A.E. Abd El-Basir (2013). Protective effect of some bio-stimulants and anti-stressors on photosynthetic pigments, bio-constituents content and flowering of sweet pepper plants subjected to natural heat stress conditions. The Seventh Arabian Horticulture Conference. Suez Canal University, Ismailia, Egypt, March24-26, 2013." Accepted".
- 3- El-Seifi, S. K.; M. A. Hassan; E.L.E. Fathy; M.W. E.lwan and A.E. Abd El-Basir (2013). Protective effect of some bio-stimulants and anti-stressors on fruit yield and its quality characteristics of sweet pepper plants under natural heat stress conditions. The Seventh Arabian Horticulture Conference. Suez Canal University, Ismailia, Egypt, March24-26, 2013." Accepted".
- 4- El-Seifi, S. K.; M. A. Hassan and A.M. Al-Saeed (2013). Effect of organic, mineral and bio-fertilization on growth, yield and chemical composition of pigeon pea (*Cajanus cajan*) under Ismailia region conditions. J. Agric. Mansoura Univ., in press.
- 5- El-Seifi, S. K.; M. A. Hassan and A.M. Al-Saeed (2013). Effect of foliar spray with some micronutrients on growth, yield and chemical composition of pigeon pea (*Cajanus cajan*) under Ismailia region conditions. J. Agric. Mansoura Univ., in press.
- 6- Hassan, M. A.; S. K. El-Seifi; K.E. Abd El-Hamed and A.S.F. El-Sayed. (2013). Micropropagation of Asparagus: Explant Type, Plant Growth Regulators, Rooting and Acclimitization of Propagules. The Seventh Arabian Horticulture Conference. Suez Canal University, Ismailia, Egypt, March24-26, 2013. "Accepted".
- 7- El-Seifi, S. K.; M. A. Hassan; M. H. T. El-Nagar and M. M. A. Farag. (2009). Effect of seed priming on lettuce seed storage. J. Agric. Mansoura Univ., 34 (11): 10753 – 10760.
- 8- El-Seifi, S. K.; M. A. Hassan; Sawsan M. H. Serg and M. A. M. Ali. (2009). Effect of some pre-planting treatments of garlic seed cloves on dry weight, yield and bulb quality under different planting dates. J. Agric. Sci. Mansoura Univ., 34 (11): 10589-10603.

- 9- Elwan, M. W., S. K. El Seifi, I. N. Nasef and M. A. Hassan. (2009). Effect of Azotobacter and nitrogen levels on growth, yield and quality of brócoli (*Brassica oleraceae* var. *Italica*). Agricultural Research Journal, Suez Canal University., 9 (1):81-90.
- 10- El-Seifi, S. K., M. A. Hassan, S. M. Farid and E. A. Abd El-Basir. (2009) Natural treatment for cold tolerance on snap bean. Egypt. J. Agric. Res., 87 (1): 345-367
- 11- El-Seifi, S.K., M. A. Hassan, H. A. Hossien and A. M. El-Saeed. (2008). Effect of sulphur application and cutting frequency on flowering, seed yield and seed oil content of rocket. Egypt. J. of Appl. Sci., 23 (3): 174-185.
- ١٢- El-Mighawry, A. A., M. A. Hassan, S. A. Awny and E. A. A. Yousef. (٢٠٠٨). Genetic analysis of some vegetative, yield and fruit quality traits in watermelon (*Citrullus lanatus*). Agriculture Research Journal, Suez Canal Univ., ٧ (٣): ٨١:٨٦.
- ١٣- Sarg, Sawsan M. H., M. A. Hassan, S. K. El-Seifi and M. K. Rakha. (٢٠٠٧). Effect of sulphur and phosphate fertilization on growth, yield and fruit quality of pepper (*Capsicum annuum* L.). a- Vegetative growth and chemical constitution of leaves. J. Agric. Sci., Mansoura Univ., ٣٢ (٣): ١٩٠١-١٩١٧.
١٤. Sarg, Sawsan M. H., M. A. Hassan, S. K. El-Seifi and M. K. Rakha. (٢٠٠٧). Effect of sulphur and phosphate fertilization on growth, yield and fruit quality of pepper (*Capsicum annuum* L.). b- Effect on yield, fruit quality and nutrient components. J. Agric. Sci., Mansoura Univ., ٣٢ (٣): ١٩١٩-١٩٣٦.
- ١٥- Hassan, M. A. (٢٠٠٥). Impact of mineral and bio- phosphorus fertilizers on the growth, yield and quality of Chinese garlic (*Allium sativum*, L.). The Proceeding of the ٦ th Arabian Conference For Horticulture. Ismailia, Egypt. March ٢٠ - ٢٢. pp ٥٨٥- ٥٩٤.
- ١٦- Hassan, M. A. (٢٠٠٥). Effect of potassium fertilization and foliar application of micronutrients on productivity and quality of two sweet corn (*Zea mays*, L.) hybrids grown under sandy soil conditions. The Proceeding of the ٦ th Arabian Conference For Horticulture. Ismailia, Egypt. March ٢٠ - ٢٢. pp ٥٩٥- ٦١٦.
- ١٧- Hassan, M. A. (٢٠٠٥). Induction of somatic embryogenesis and shoot organogenesis from immature leaves of cassava (*Manihot esculenta*, Crantz) and field establishment of regenerants. J. Agric. Sci., Mansoura Univ., ٣٠ (١٠): ٦٠٠١- ٦٠١٣.

- ١٨- Hassan, M. A., S.K. El-Seifi, F.A. Omar and U.M. Saif El-Deen. (٢٠٠٥). Effect of mineral and bio- phosphate fertilization and foliar application of micronutrients on sweet potato (*Ipomoea batatas*, L.). ١- Vegetative growth, yield and tuber root characteristics. J. Agric. Sci. Mansoura Univ., ٣٠ (١٠): ٥٩٥١- ٥٩٦٨.
- ١٩- Hassan, M. A., S.K. El-Seifi, F.A. Omar and U.M. Saif El-Deen. (٢٠٠٥). Effect of mineral and bio- phosphate fertilization and foliar application of micronutrients on sweet potato (*Ipomoea batatas*, L.). ٢- Chemical composition of leaves and cured tuber roots. J. Agric. Sci. Mansoura Univ., ٣٠ (١٠): ٦٠٢٥- ٦٠٤٠.
- ٢٠- Hassan, M. A., S.K. El-Seifi, F.A. Omar and U.M. Saif El-Deen. (٢٠٠٥). Effect of mineral and bio- phosphate fertilization and foliar application of micronutrients on sweet potato (*Ipomoea batatas*, L.). ٣-Postharvest quality of stored roots. J. Agric. Sci. Mansoura Univ., ٣٠ (١٠): ٥٩٨٣ - ٥٩٩٦.
- 21- Hassan, M.A., S.M. Sarg, and M.S. Abdel-Rehim. 2005. Factors affecting the formation of *in vitro* microtubers of Jerusalem artichoke (*Helianthus tuberosus*), and field performance of their minitubers. Proceeding of the sixth Arabian conference for horticultural crops., Egypt. March ٢٠- ٢٢. pp ٤٠٧-٤١٨.
- ٢٢- Sarg, S.M. and M.A. Hassan.٢٠٠٤. Influence of nitrogen levels and NO₃:NH₄ ratios on vegetative growth, yield and chemical composition of cucumber. J. Agric. Sci. Mansoura Univ. 29: 2715- 2725.
- ٢٣- Hassan, M. A., S. M. Sarg and M. M. Elwan. ٢٠٠٤. In vivo performance of tissue culture propagated pepper (*Capsicum annuum*) plants and their response to nitrogen fertilization. Zagazig J. Agric Res. ٣١: ٨٦٧-٨٨٧
- ٢٤- Sarg, S.M. and M.A. Hassan. ٢٠٠٣. Effect of rhizobacterin, nitrogen rate and plant density on growth, yield and quality of peas (*Pisum sativum*L) plants under sandy soil condition. J. Agric. Sci. Mansoura Univ. 28(11) : 6857- 6873.
- ٢٥- El-Bassiouny, R.E. and M.A. Hassan. ٢٠٠٣. Effect of gibberillic acid and a mixture of micronutrients (Nutarmine) on earliness, head yield, and pre and postharvest quality of globe artichoke (*Cynara scolymus* L.). J. Agric. Sci. Mansoura Univ., 28: 1949-1967.
- ٢٦- Hassan, M.A. and M.W. Mohamed. ٢٠٠٢. In vivo performance and nutritional evaluation of in vitro propagated pepper (*Capsicum annuum*)

plants. J. Agric. Sci. Mansoura Univ., ٢٧: ٧٦٣٧-٧٦٤٧.

- 27- H. H. Al-Kaabi, A. Rhiss and M. A. Hassan. 2001. Effect of auxins and cytokinins on *in vitro* production of date palm (*Phoenix dactylifera* L.) bud generative tissues and number of differentiated buds. The Second International Conference on Date Palms. UAE University, Faculty of Agriculture. Al-Ain, March 25 - 27, 2001. (Abstract # 11).
- 28- H. H. Al-Kaabi, A. Rhiss and M. A. Hassan. 2001. Effect of explants introduction time on *in vitro* production of date palm (*Phoenix dactylifera* L.) bud generative tissues and number of differentiated buds. The Second International Conference on Date Palms. UAE University, Faculty of Agriculture. Al-Ain, March 25 - 27, 2001. (Abstract # 78).
29. Hassan, M.A., S.M. Sarg, S. Awny and M.W. Mohamed (1999). Effect of some factors on proliferation rate of different pepper genotypes. J. Agric. Sci. Mansoura Univ., 24: 1939-1949.
30. Hassan, M.A., S.M. Sarg, M.W. Mohamed and S. Awny (1999). Development of *in vitro* high frequency regeneration protocol for pepper (*Capsicum annuum*) plantlets from leaf sections. J. Agric. Sci., Mansoura Univ., 24: 1951-1961.
31. Hassan, M.A. (1999). *In vitro* production of potato (*Solanum tuberosum*) microtubers: The influence of jasmonic acid, silver nitrate and some physical factors. Annual Agric. J. of Moshtohr Univ. 37 (1): 433-448.
32. Hassan, M. (1999). Response of cultivated and wild potato species to NaCl stress under *in vitro* condition. Egpt. J. Appl. Sci. 14 (8): 564-574.
33. Hassan, M.A., A. El-Maghawry and S. Sarg (1998). *In vitro* production of potato (*Solanum tuberosum*) microtubers: The influence of growth regulators and carbohydrate sources. J. Agric. Sci. Mansoura Univ., 23 (3): 1247-1260.
34. Hassan, M.A. (1996). *In vitro* shoot regeneration from strawberry leaf tissues. Zagazig J. Agric. Res., 23 (1): 101-113.
35. El-Maghawry, A., F.A. Mohamed, S.M. Sarg and M.A., Hassan (1994). Effect of different sources and rates of nitrogen on growth, nutritional status, yield and its components of cow pea plants grown in sandy soil. Egyptian J. Appl. Sci., 9 (11): 872-888.
36. Hassan, M.A., S.L. Sinden, R.S. Kobayashi, R.O. Nordeen and L.D. Owens (1993). Transformation of potato (*Solanum tuberosum*) with a gene for an antibacterial protein, cecropin. Acta Horticulture, 336: 127-131.

37. Hassan, M.A., H.J. Swartz, G. Inamine and P. Mullineaux (1993). *Agrobacterium tumefaciens*-mediated *Rubus* transformation and recovery of transformed plants. *Plant Cell, Tissue and Organ Culture*, 33: 8-14.
38. Hassan, M.A., H.J. Swartz, G. Inamine and P. Mullineaux (1991). Techniques for *Rubus* transformation and regeneration. *HortScience* 26: 732.
39. Fiola, J.A., M.A. Hassan and H.J. Swartz (1990). The effect of thidiazuron, light fluency rates and kanamycin on shoot organogenesis from excised *Rubus* cotyledons and *in vitro* leaves. *Plant Cell, Organ and Tissue Culture*, 20: 223-228.
40. Hassan, M.A. and H.J. Swartz (1989). The use of *Agrobacteria*, thidiazuron and kanamycin for production of transformed *Rubus* plants. *Hort Science*, 24: 407.
41. Swartz, H.J., M.A. Hassan, R. McNichol and Beth Hyman (1987). Progress in *Rubus* breeding at Maryland. *HortScience*, 22: 850.
42. Omar, F.A., S.A. Foda, D.I. Dahshan and M.A. Hassan (1982). Effect of superphosphate and potassium sulphate fertilizer levels on growth, nutritional status, yield and fruit quality of strawberry plants. *Zagazig J. Agric. Res. Bull. No. 654*.
43. Omar, F.A., D.I. Dahshan, S.A. Foda and M.A. Hassan (1982). Effect of foliar spray with some micronutrients in mineral or chelated form on growth, nutritional status, yield and fruit quality of strawberry plants. *Zagazig J. Agric. Res. Bull. No. 653*.

Contracts & Grants

A. Principal Investigator:

1. Title : Genetically engineer potato (*Solanum tuberosum*) plants to improve their bacterial disease resistance utilizing an antibacterial gene (Cecrobin).
 Source : National Agricultural Research Project.
 Total Award : L.E. 45,000.
 Duration : One year.
 Initial Year : 1994.
2. Title : Improving tomato frost tolerance via transformation with a synthetic antifreeze protein.
 Source : University Linkage Project-AID
 Total Award : US \$ 155,300 and L.E. 75,600.

- Duration : Three years.
Initial Year : 1995.
3. Title : Improvement of salt tolerance in tomato plants using tissue culture and genetic engineering techniques.
Source : Scientific Research Council of the UAE University.
Total Award : Dhs. 5,000.
Duration : One year.
Initial Year : 1996.
4. Title : Continuous development and qualifying Faculty of Agriculture, Suez Canal University, for accreditation.
Source : Ministry of Higher Education.
Total Award : L.E. 4.5 million.
Duration : Thirty months.
Initial Year : October 2009.

B. Cooperator:

1. Title : *In vitro* production of virus free potato (*Solanum tuberosum*).
Source : National Agricultural Research Project, Ministry of Agriculture.
Total Award : L.E. 150,000.
Duration : Three years.
Initial Year : 1992.
2. Title : Development of environmental friendly microbial biofertilizers for clean agriculture in the UAE.
Source : Scientific Research Council of the UAE University.
Total Award : Dhs. 9,300.
Duration : Two years.
Initial Year : 1999.
3. Title : Establishment of internal quality assurance system in higher education institutions.
Source : Ministry of Higher Education
Total Award : L.E. 173,000
Duration : 18 months
Initial Year : 2005.

University Teaching

Courses taught at university level (Graduate courses are marked by an *)

Title of course

Institution

Vegetable Physiology*
 Biotechnology of Horticultural crops*
 Vegetable Production
 The use of growth regulators in vegetables*
 Vegetable Ecology*
 Vegetabl production under stress conditions*
 Vegetable production under protected houses
 Horticultural crop production

Biotechnology
 Tissue culture
 Plant biology
 Molecular biology
 Basic biology
 Natural sciences
 Advanced plant tissue culture*
 Plant biotechnology*

Fac. of Agric., SueZ Canal Univ.
 Faculty of Science, UAE Univ.

Graduate Advisory Committee Member

<u>Name</u>	<u>Degree</u>	<u>Dept./Country</u>	<u>Completion Date</u>
Mohamed Wasfy	M.Sc.	Hort./Egypt	August 1998
Helal El-Kaabi	M.Sc.	Biology/U.A.E.	June 1999
Osama Seif-Eldeen	Ph.D	Hort./Egypt	September 2005
Mohamed Khafagy	Ph.D	Hort./Egypt	July 2007
Tohamy A. Ahmed	M.Sc	Hort./Egypt	December 2007
Anas M. Al- Saeed	M.Sc	Hort./Egypt	January 2008
Ibrahim Nasef	M.Sc	Hort./Egypt	May 2009
Mohamed M. Kamel	M.Sc	Hort./Egypt	September 2009
Mohamed S. Mohamed	M.Sc	Hort./Egypt	October 2009
Mohamed A. M. Ali	M.Sc	Hort./Egypt	November 2009
Abd El-Basir E. Abd El-Basir	M.Sc	Hort./Egypt	November 2009
Anas M. Al-Saeed	Ph.D	Hort./Egypt	Septeme 2012
Ahmed Elsayed Fathi	M.Sc	Hort./Egypt	April 2013
Tohamy A. Ahmed	Ph.D	Hort./Egypt	In progress
Ibrahim Nasef	Ph.D	Hort./Egypt	In progress
Abd El-Basir E. Abd El-Basir	Ph.D	Hort./Egypt	In progress
Mohamed A. M. Ali	Ph.D	Hort./Egypt	In progress
Salma A.M. Melouk	M.Sc	Hort./Egypt	In progress
Olaa Gouda Hagag	M.Sc	Hort./Egypt	In progress

Quality Assurance and Other University Activities

Activity

Date and Place

- Chairman of Fellow up and Evaluation team for the new program "Quality Management" offered by the Faculty of Agriculture, Ain Shams University April 3, 2013
- Chairman of Fellow up and Evaluation team for the new program "Organic Farming" offered by the Faculty of Agriculture, Ain Shams University April 4, 2013
- Chairman of Fellow up and Evaluation team for the new program "Food Processing Technology" offered by the Faculty of Agriculture, Cairo University March 21, 2013
- Member of External Reviewer committee visited and evaluated the Faculty of Agriculture, Mansoura Univ. for awarding Accreditation from NAQAAE. April 14 to 16, 2012
- Chairman of Fellow up and Evaluation team for the new program "Quality Management" offered by the Faculty of Agriculture, Ain Shams University December 29, 2010
- Chairman of Fellow up and Evaluation team for the new program "Food Processing Technology" offered by the Faculty of Agriculture, Cairo University December 22, 2010
- Chairman of External Reviewer committee visited Faculty of Medicine, Ain Sham Univ. for the internal auditing visit to prepare the faculty for accreditation. December 14 to 16, 2010
- Chairman of Peer Reviewer committee visited Faculty of Commerce, Damanhour University Nov. 30 to Dec. 2, 2010
- Shared Experience with quality assurance unit of Faculty of Medicine, Suez Canal Univ. until awarding accreditation from NAQAAE. May 15, 2010
- Chairman of Fellow up and Evaluation team for the new program "Food Processing Technology" offered by the Faculty of Agriculture, Cairo University. March 25, 2010

- Member of Reviewing committee
visited Faculty of Economics and political
Sciences, Cairo University, UDFP ,
to prepare the Faculty for Accreditation
January 4, 2010

- Member of Reviewing committee
Visited Faculty of Nursing, Ain Shams
University, UDFP ,to prepare the Faculty
for Accreditation.
December 27, 2009

- Member of Reviewing committee
Visited Faculty of Science, Assiut
University, UDFP ,to prepare the Faculty
for Accreditation
December 25 to 26, 2009

- Member of Reviewing committee
Visited Faculty of Engineering, Assiut
University, UDFP ,to prepare the Faculty
for Accreditation
December 23 to 24, 2009

- Chairman of Peer Reviewer committee
Visited Faculty of Arts, Helwan University
November 21 to 23, 2009

- Chairman of Peer Reviewer committee
Visited Faculty of Social Work, Helwan
University
April 14 to 16, 2009

- Member of Fellow up and Evaluation team
For the new program offered by the Faculty of
Medicine, Alexandria University.
December 4, 2008.

- Chairman of Peer Reviewer committee
Visited Faculty of Computers and information,
Cairo University.
November 4 to 6, 2008.

- Member of Fellow up and Evaluation team
Visited Faculty of Literature Science, Zagazig
University.
October 23, 2008.

- Member of Fellow up and Evaluation team
Visited Faculty of Specific Education. Ain Shams
University.
October 12, 2008.

- Member of CIQAP evaluation team visited
Faculty of Vetrenary, Menofya University,
Sadat City branch.
August 25, 2008

-Chairman of Peer Reviewer committee Visited Faculty of Specific Education, Cairo University.	May 4 to 7, 2008.
-Chairman of Peer Reviewer committee Visited Faculty of Specific Education, Assuit University.	April 14 to 17, 2008.
-Chairman of Follow up committee visited Faculty of Dentistry, Mansoura University.	March 24, 2008
-Chairman of Peer Reviewer committee visited Faculty of Home Economic, Helwan University.	March 15 to 18, 2008.
-Member of Peer Reviewer committee Visited Faculty of Agriculture, Zagazig University.	December 5 to 9, 2007.
-Member of the National Committee for Steering CIQAP.	Ministerial decree # 3352, December 23, 2007.
-Member of Peer Reviewer committee visited Qena Faculty of Agriculture, South Vally University	Sept. 29- October 1, 2007
Member of the University Committee for The establishment of Modern Colleges.	2007, Suez Canal University.
Member of the faculty Council	2006-2007, Suez Canal University
Member of the National Committee for Developing Academic Reference Standard For Horticulture Programme.	2006-2007, QAAP
Member of the graduate studies committee	2006-07-08, Suez Canal Univ
Member of cultural relationship committee	2004-05, Suez Canal Univ.
Member of books and libraries committee	2002-03, Suez Canal Univ.
Member of lab. and equipment committee	1994-95, Suez Canal Univ.
Member of academic affair committee	2001-02, UAE univ., Fac. of Sci
Head of social and cultural committee	1996-97, "
Head of books and libraries committee	1997-98, "
Member of academic affair committee	1997-2000, "
Member of research and graduate studies com	1997-98, "
Head of academic advisory committee	1999-2000, "
Member of course developmental com.	1997-98, "
Scientific day organizer, Dept, of Biol.	1997-98, "

Community Services

- Lecture about "Detecting genetically engineered plants" in a

symposium on Delima of genetically engineered food. Suez Canal Univ. March, ٢٠٠٣

- Lecture in training course for senior teachers of high schools in the United Arab Emirates, on performing recent and alternative scientific experiments in the field of biology. Dept. of Biology, Faculty of Science, UAE Univ. Feb. 20-23, 2000.
- Lectures in the field of tissue culture and genetic engineering in workshop for senior biology teachers of high schools in the United Arab Emirates. Dept. of Biology, Faculty of Science, UAE Univ. November 20-21, 2000.
- Supervising practical training course about *in vitro* tissue culture techniques, for agricultural engineers of Ministry of Agriculture at Giza. Egypt. Suez Canal Univ. Fac. of Agriculture. July 1992,93 and 1994.
- Supervising workshop on production of microtubers *in vitro*, for the agricultural engineers of Ministry of Agriculture at Ismailia. Suez Canal Univ. Fac. of Agriculture. July 1995.
- Participating in training shortcourse offered to agricultural engineering from different Egyptian cities, in the field of plant tissue culture. Ismailia Agric. Training Center. Jan 2005

Awards and Fellowships

1. Postdoctoral Fellowship, September 1990 - January 1992. USDA - Tissue Culture Laboratory, Vegetable Department, Beltsville, Maryland, U.S.A.
2. Peace Fellowship to study for Ph.D. in the U.S.A., 1985 - 1986. Egyptian Ministry of Higher Education and US AID.

Areas of Research Interest

- 1- Bio- and Organic farming of vegetable crops
- 2- Tissue Culture and Molecular Biology of Plants:
 - Organogenesis, Embryogenesis and Protoplast Isolation, Fusion and Culture.
 - Phenotypic and Genotypic Stability of Tissue Culture Plants.
 - Genetic Transformation of Plants.

References

1. Prof. Dr. Mohamed A. Mohamedeen, President of Suez Canal University, Ismailia, Egypt. Tel. 002(064) 3201793.
2. Dr. Harry J. Swartz, Department of Horticulture, University of Maryland, College Park, MD 20742, U.S.A. Tel. (301) 454-5161.
3. Prof Dr. Ali Kamel Al-Khorabi, Department of Horticulture, Suez Canal University, Ismailia, Egypt. Tel. (064) 362988