

Curriculum Vitae



1. Personal data:

Name : Khalid Mohamed Elhindi

Date of Birth : 23/11/1966

Place of Birth : El-Mahalla, Gharbia, Egypt

Citizenship : Egyptian

Religion : Islam

Marital Status: Married

Current Academic Rank: Professor

Date of appointment in Current Academic Rank: 14/10/2012

Major: Horticulture and Landscape Architecture

Minor: Floriculture and Ornamental Horticulture

E-mail: kelhindi@ksa.edu.sa & elhindikhalid2010@yahoo.com

Home Position Held: Professor of Floriculture and Ornamental Horticulture, Faculty of Agriculture, Mansoura University-35516, Mansoura, Egypt. Telephone: +20 50 2245274, Fax: +20 50 2221688.

Present Position Held: Associate Professor of Floriculture and Ornamental Horticulture, College of Food and Agriculture Sciences, Department of Plant production, King Saud University, Saudi Arabia. P.O. Box 2460 Riyadh, 11451 Saudi Arabia. Telephone: 4678996, Fax : (966)-1-4678467, 4678366.

2. Scientific Qualifications:

- * Ph.D. in Floriculture, 1999, Faculty of Agriculture, Mansoura University, Egypt.
- * M.Sc. in Floriculture, 1994, Faculty of Agriculture, Mansoura University, Egypt.
- * B.Sc. in Special Plant Production, 1988 (Very Good with Honor degree), Faculty of Agriculture, Mansoura University, Egypt.

3. Academic Appointments:

- * Professor, Vegetable and Ornamental Dept., Faculty of Agriculture, Mansoura University, Egypt, since 31/10/2012.
- * Assistant Professor, Vegetable and Ornamental Dept., Faculty of Agriculture, Mansoura University, Egypt (1/7/2007).
- * Lecturer, Vegetable and Ornamental Dept., Faculty of Agriculture, Mansoura University, Egypt (25/10/1999).
- * Assistant Lecturer, Horticulture Dept., Faculty of Agriculture, Mansoura University, Egypt (14/6/1994).
- * Demonstrator, Horticulture Dept., Faculty of Agriculture, Mansoura University, Egypt (5/11/1988).

4. Academic and Scientific Activities:

Teaching:

Teaching undergraduate and postgraduate courses including:

1. Production of Ornamental Plants
2. Turfgrasses
3. Indoor Plants and Interiors aping
4. Seed Production and Testing
5. Production of Flowers in Greenhouses
6. Landscaping of Gardens and Parks
7. Tissue Culture
8. Production of Herbaceous Ornamental Plants
9. Medicinal and Aromatic Herbs
10. Gardens and Parks Planning.
11. Production of Field and Horticultural Crops
12. Physiology of Horticultural Crops
13. Agricultural Use of Growth Regulators
14. Production of Horticultural Crops
15. Production of Economics Flowers
16. Research and Thesis
17. Field Training
18. Special Studies

Postgraduate Supervision:

Student	Department	Thesis	Degree	Date
Ahmed A. Dapour	Vegetable and Ornamental	Effect of salinity on some bio-compounds on growth, essential oil yield and chemical composition of marjoram plants	M.Sc.	28/7/2009
Mohammed N. Shaalan	Vegetable and Ornamental	Efficiency of organic and bio-fertilizers on growth, yield and essential oil of marjoram plants	M.Sc.	3/6/2009
Hana A. Abo El- FetooH	Vegetable and Ornamental	Response of <i>Calendula officinalis</i> L. plants to some biofertilizer types and rates	Ph.D	29/6/2010
Fatima I. Rashad	Vegetable and Ornamental	Horticultural and physiological studies of <i>Aloysia triphilla</i> plants	Ph.D.	28/3/2010
Fatima Y. Khader	Vegetable and Ornamental	The impact of storage on the quality of some fresh herbs	M.Sc.	28/3/2010
Muhannad M. Abdel- Basit	Vegetable and Ornamental	Effect of feeding phosphorus, potassium and yeast on growth and flowering and the chemical composition of some bulbs	M.Sc.	19/7/2010
Mohammed A. El- Etriby	Vegetable and Ornamental	Studies on some factors affecting micropropagation of <i>Eucalyptus gomphocephala</i> trees	Ph.D.	26/6/2006

Research Work:

Papers Published or Accepted for Publication in Academic, Specialized, and Refereed Journals:

1. Abdel-Kader H.H., Hussein A.A., **Elhindi K.M.** (2004). Postharvest studies on the cut flowers of dahlia (*Dahlia hybrida* L.). Part (I): Effects of preventing latex flow, pulsing, and holding solutions on flower water relations and the anatomical structure of the flower stem. *J. Agric. Sci. Mansoura Univ.*, 29 (6): 3389-3409.
2. Abdel-Kader H.H., Hussein A.A., **Elhindi K.M.** (2004). Postharvest studies on the cut flowers of dahlia (*Dahlia hybrida* L.). Part (II): Effects of preventing latex flow, pulsing, and holding solutions on vase life and quality of the flowers. *J. Agric. Sci. Mansoura Univ.*, 29 (6): 3409-3423.
3. **Elhindi K.M.**, Hamza A.M., Abdel-Kafie O.M., Abdel-Dayem A.M., El-Etriby M.A. (2006). Studies on some factors affecting micropropagation of *Eucalyptus gomphocephala* trees. *J. Agric. Sci., Mansoura Univ.*, 31(9): 5929-5947.
4. Hussein A.A., **Elhindi K.M.**, Shalan M.N. (2008). Efficiency of organic and biofertilizers on growth, yield and essential oil of marjoram (*Majorana hortensis* Moenck) plants. *J. Agric. Sci. Mansoura Univ.*, 33 (10): 7383 – 7401.
5. Abdel-Kader H.H., **Elhindi K.M.**, Massoud H.Y., Fouda R. A., Ibrahim F.R. (2009). Effect of harvesting date, drying method, and storage period on the essential oil percentage and composition of *Aloysia triphylla* L. britton leaves. *J. Agric. Sci. Mansoura Univ.*, 34 (11): 10515-10526.

6. Abdel-Kader H.H., Massoud H.Y., **Elhindi K.M.**, Badawy F. K. (2009). Effect of cold storage and different packaging materials on the quality of fresh rosemary herb. Part (1): Effects on marketing visual quality and shelf life. *J. Agric. Sci. Mansoura Univ.*, 34 (11): 10515-10526.
7. Abdel-Kader H.H., Massoud H.Y., **Elhindi K.M.**, Badawy F. K. (2009). Effect of cold storage and different packaging materials on the quality of fresh rosemary herb. Part (II): Effect on the essential oil percentage and composition. *J. Agric. Sci. Mansoura Univ.*, 34(12): 11233-11245.
8. **Elhindi K.M.**, Sharaf El-din M.N., Ahmed M.M., Abo El-Fetouh H.A. (2009). Response of *Calendula officinalis*, L. plants to some biofertilizer types and rates. *J. Agric. Sci. Mansoura Univ.*, 34 (1): 387- 400.
9. Massoud H.Y., Shalan M.N., **Elhindi K.M.**, Dapour A.E. (2009). Effect of salinity and some bio-compounds on growth, essential oil yield and chemical composition of marjoram plants. *J. Agric. Sci. Mansoura Univ.*, 34 (5): 5033-5048.
10. Abd El-Kafie O.M., Hamza A.M., **Elhindi K.M.**, Abd El-Baset M.M. (2010). Influence of phosphorus, potassium and yeast nutrition on growth, flowering and chemical composition of tuberose. *J. Plant Production, Mansoura Univ.* 1(3): 431- 449.
11. Asrar A.W.A., **Elhindi K.M.** (2011). Alleviation of drought stress of marigold (*Tagetes erecta*) plants by using arbuscular mycorrhizal fungi. *Saudi Journal of Biological Sciences*, 18: 93–98.
12. Asrar A.W.A., Abdel-Fattah G.M., **Elhindi K.M.** (2012). Improving growth, flower yield, and water relations of snapdragon (*Antirrhinum*

majus L.) plants grown under well-watered and water-stress conditions using arbuscular mycorrhizal fungi. *Photosynthetica*, 50 (2): 305-316.

13. **Elhindi K.M.** (2012). Effects of postharvest pretreatments and preservative solutions on vase life longevity and flower quality of sweet pea (*Lathyrus odoratus* L.). *Photosynthetica*, 50 (3): 371-379.
14. **Elhindi K.M.** (2012). Evaluation of composted green waste fertigation through surface and subsurface drip irrigation systems on pot marigold plants (*Calendula officinalis* L.) grown on sandy soil. *Australian Journal of Crop Science*, 6 (8): 1249-1259.
15. **Elhindi K.M.** (2012). Evaluation of several holding solutions for prolonging vase-life and keeping quality of cut sweet pea flowers (*Lathyrus odoratus* L.). *Saudi Journal of Biological Sciences*, 19(2): 195–202.
16. **Elhindi K.M.** (2012). Alleviation of adverse effects of seawater on growth and chemical constituents of *Chrysanthemum morifolium* by foliar Fe and Mn applications. *American Journal of plant nutrition and fertilization technology*, 3(1): 1-11.
17. Abdul-Wasaa A.A., **Elhindi K.M.**, Abdel-Salam A.M. (2013). Growth and flowering response of chrysanthemum cultivars to growth retardants and slow-release fertilizer in an outdoor environment. *Journal food agriculture and environment*. (In press).
18. Abdul-Wasaa A.A., **Elhindi K.M.**, El-Nshar Y.E., Abdel-Salam A.M. (2013). Growth and flowering of chrysanthemum cultivars as affected by Alar and levels of slow-release fertilizer. *Journal food agriculture and environment*. (In press).

19. **Elhindi K.M.**, Abdul-Wasaa A.A., Abdel-Salam A.M. (2013). Evaluation of humic substances fertigation through surface and subsurface drip irrigation systems on *Euryops pectinatus* L. grown on sandy soil. *Canadian Journal of Plant Science*. (In press).
20. Abdel-Fattah G.M., Asrar A.W.A., **Elhindi K.M.**, Abdel-Salam, E. (2013). The impact of arbuscular mycorrhizal fungi in improving growth, flower yield and tolerance of kalanchoe (*Kalanchoe blossfeldiana* Poelin) plants grown in NaCl-stress conditions. *Scientia Horticulturae*. (In press).

Participation in Conferences, Symposia and Other Activities:

A) Conferences:

- 1- Participation in the “International Plant Breeding Congress”, which held in Antalya, Turkey from 10-14 November, 2013.
- 2- Participation in the 2nd Saudi International Nanotechnology Conference which held in King Abdulaziz City for Science and Technology (KACST) Headquarters-Conferences Hall- Building 36–Riyadh–Saudi Arabia from 11- 13 November, 2012.
- 3- Participation in the Saudi International Environmental Technology Conference which held in KACST Headquarters - Conferences Hall - Building 36 – Riyadh – Saudi Arabia from 13 - 15 May, 2012.
- 4- Participation in the 36th Scientific meeting of Saudi Society for Agricultural Sciences on "Design Gardens and Public parks" which held in King Saud University in 24/4/2012.

- 5- Participation in the 10th Water Desalination Conference in the Arab countries (arwadwx 2012) which held in King Faisal Conferences Hall – Riyadh InterContinental Hotel – Saudi Arabia from 8–11 April, 2012.
- 6- Participation in the 27th meeting of the Saudi Biological Society titled "Economics of Environment and Natural Resources" in Gazan University, Saudi Arabia from 6-8/3/2012.
- 7- Participation in workshop entitled “Food Safety in Kingdom of Saudi Arabia” which held in Agricultural Economy Department, College of Food and Agricultural Sciences, King Saud University in 7/2/2012.
- 8- Participation in the "First Scientific Conference for the Development of the Date Palm and Dates Sector in the Arab World" which held in Conference hall Building 36, KACST headquarters – king Abdullah road, Riyadh, KSA in 4-7/12/2011.
- 9- Participation as attendance in "Advanced Technologies Forum 2011" which held in KACST Headquarters, Conference hall, Building 36, King Abdullah Road, Riyadh in 28-30/11/2011.
- 10- Participation as attendance in the "Saudi International Water technology Conference" which held in KACST Headquarters, Conference hall, Building 36, King Abdullah Road, Riyadh in 21-22/11/2011.
- 11- Participation in workshop about Databases and Digital Library of King Saud University which held in College of Food and Agriculture Sciences in 22/10/2011.
- 12- Participation in the 26th meeting of the Saudi Biological Society titled "Climate Changes and Biological Diversity" by oral presentation "Improving soil fertility subjected to salt stress in Saudi Arabia by

arbuscular mycorrhizal fungi" in Taif University from 7-9/6/1432 (11-12/5/2011).

- 13- Participation in workshop as attendance on Red Palm Weevil "Research Chair" in 16/3/1432 (19/2/2011).
- 14- Participation in the 1st International Forum on "Entrepreneurship and Knowledge-bases Economy" which held in King Saud University, Saudi Arabia in 16–18/1/2011.
- 15- Participation in workshop on "Gray Water– Legislation and Application" which held in College of Food and Agricultural Sciences, King Saud University, Saudi Arabia in 28/12/2010.
- 16- Participation in the 4th International Conference on "Water Resources and Arid Environments (ICWRAE 4)" which held in King Saud University during the period 6-8 December 2010 in Riyadh.
- 17- Participation in the 1st National Conference in Security Ideas which held in King Saud University during the 18-21 /5/2009.
- 18- Participation in the 24th meeting of the Saudi Biological Society titled "Nanotechnology in life Science" in cooperation with Camels Research center at king Faisal University and King Abdullah Institute for Nanotechnology at king Saud University, Saudi Arabia from 11-13/5/2010.
- 20- Participation in the 1st International Conference in Biotechnology which held during the period 16-18 February, 2009 in King Fahd Cultural Center, Riyadh, Saudi Arabia.

B) Symposia:

1. The First Symposium on "Problems of soils and waters in Dakahlia and Damietta Governorates" March 18, 2003.
2. Cultural symposium entitled "Day of scientific research" under the auspices of the Research Center- Faculty of Science of Food and Agriculture approved 3/11/2009.
3. Participation in the 26th meeting of the Saudi Biological Society titled "Climate Changes and Biological Diversity" in Taif University from 7-9/6/1432 (11-12/5/2011).

C) Other Activities:

1. Participation in workshop about Databases and Digital Library of King Saud University which held in College of Food and Agriculture Sciences in 24/11/1432 (22/10/2011).
2. Participation in the 1st International Forum on "Entrepreneurship and Knowledge-bases Economy" which held in King Saud University, Saudi Arabia in 16 –18/01/ 2011.
3. Participation in workshop on "Gray Water– Legislation and Application" which held in College of Food and Agricultural Sciences, King Saud University, Saudi Arabia in 28/12/2010.
4. Participation in workshop on "DNA research: a gateway to the knowledge economy," approved May 24, 2009, Faculty of Sciences - King Saud University.
5. Participation in workshop on "flowers and ornamental plants and biotechnology", which held during the period 5-16/7/2008 in Salalah, Oman.

6. Participation in workshop on "flowers and ornamental plants and biotechnology", which held during the period 19-29/7/2008 in Institute of Wadi Hatat state Muscat, Oman.
7. Participation in workshop on the project continued development and rehabilitation of the adoption (CIQAP) Faculty of Agriculture- Mansoura University (August 2008).
8. Opportunities for development and investment in the new lands (area Qlapsho and Xian, Dakahlia), Faculty of Agriculture, Mansoura University (February 2005).
9. Participation in the workshop, "the practices of sustainable agriculture" held at the Faculty of Agriculture - Mansoura University in September 2003.

D) Consultancies, Community Services and Scientific Cooperation with other Institutes:

1. Member of the Management Committee of disasters and crises altogether (the draft CIQAP) within the Unit for Quality Assurance and Accreditation from the academic year 2007/2008.
2. Member of Section Council, vegetables and ornamental-Faculty of Agriculture-Mansoura University.
3. Member of the committee preparing the report of the annual faculty self- evaluation (draft quality assurance and accreditation) from the academic year 2005 till 2006.
4. Participation in the construction of the development of the private nursery College Station Research and Farm Trials, Faculty of Agriculture- Mansoura University.

5. Supervise the summer training project for each of the second-graders, "Division general," and students of horticulture.
6. Training of Postgraduate students on the analysis of data using statistical programs (SPSS-SASS).
7. Participation in the development processes and improves performance, which is tissue culture laboratory, Department of vegetables and ornamental, Faculty of Agriculture-Mansoura University.
8. Contribution to the production and propagation of plants for scientific research farm, Mansoura University, as well as modern reclamation and testing in common with scientific and research agencies and companies that produce seeds.
9. Participation in increasing the productivity of medicinal and aromatic plants of the new lands in Dakahlia (Qlapsho and Xian), Mansoura University.
10. Participation in the establishment of some public parks and private.
11. Developed and launched a website entitled "Directory of Useful Websites of Plant Sciences".

E) Books, Book chapters, Booklets and Bulletins (in Arabic):

1. Abdul-Wasaa A. Asrar, **Khalid M. Elhindi**, Yasser E. El-Nashar (2013). Landscaping of Gardens and Parks. Agricultural Extension Center, College of Food and Agricultural Sciences, King Saud University. (In press).
2. **Khalid M. Elhindi** (2013). Fundamentals of Turfgrass Management. Agricultural Extension Center, College of Food and Agricultural Sciences, King Saud University. (In press).

In addition, many newspapers' and magazines' scientific and specialized articles were written covering areas such as ornamental horticulture, residential gardens, environmental pollution and other agricultural issues. Moreover, I participated in several radio and TV shows concerned about the environment, pollution, parks, residential gardens, and ornamental plants. I have also offered consultations to many related agricultural governmental and private sectors.

5. Research Interests:

1. Use of the new technologies in ornamental and floricultural production in greenhouses, and postharvest studies, techniques and handling of cut flowers.
2. Water conserving and improving tolerance of ornamental plants to drought, salinity, heavy metal and organic pollutant stresses via mycorrhizal fungi technique.
3. Wastewater uses in ornamental, medicinal and aromatic plants irrigation and techniques for reduction soil contaminations.
4. Utilizing biotechnology and implementation of NANO'S techniques to increase shelf life of cut flowers, concentration of aromatic materials in some medicinal and aromatic plants, and the efficiency of trees and ground cover plants to absorb and reduce air pollutants.
5. Locally wild plants studies and their possible application for the landscape usages.
6. Investigating means and methods for developing and utilizing national parks and other promising natural sites.

7. Developing and designing kindergarten gardens to serve and fulfill the purposes of education that help raising abilities and thinking of the children.
8. The importance of fulfilling the functional, aesthetic and ecological safety considerations when designing street and square gardens.
9. Ecological tourism and the importance of national parks and gardens.
10. Environmental pollution and its phenomena; such as the greenhouse effect and the global warming, and the role of plants in protecting and maintaining a healthy and pretty environment of the Earth planet.
11. Controlled Environment Agriculture, Biotechnology and Tissue Culture, Environmental Stress physiology, Seed Physiology.

6- Research Projects:

Completed Projects:

1. Co-investigator in the project entitled “Mycorrhizas and soil salinity: rehabilitation of degraded salt lands and improving the tolerance and quality of some ornamental, aromatic and medicinal plants in Saudi Arabia (12-AGR2607-02)” funded from National science, technology and Innovation plan, strategic Technology Program (KACST). <http://npst.ksu.edu.sa>.
2. Co-investigator in the project entitled “Novel technology of mycorrhizal symbiosis in phytoremediation of heavy metals in wastewater contaminated soils in saudi Arabia (13-BIO18-03)” submitted to National science, technology and Innovation plan, strategic Technology Program (KACST). <http://npst.ksu.edu.sa>

3. "Studies on growth and production of different cultivars of *Dendranthema x grandiflorum* used as cut and container plants under Riyadh conditions and their landscape uses". Funded by Agricultural Research Center, College of Agriculture, KSU.

Projects in Progress:

1. "Novel technology of mycorrhizal symbiosis in phytoremediation of heavy metals in wastewater contaminated soils in Saudi Arabia". Submitted to the national Plan for Sciences and Technology, King Abdulaziz City for Science and Technology (KACST), Kingdom of Saudi Arabia.

7- Awards and Honors:

1. Outstanding Reviewer Award from Society for the Protection of the Environment Mansoura.
2. Outstanding Reviewer Award from Saudi Journal of Biological Sciences for Science.
3. Outstanding Reviewer Award from Journal of Agricultural Engineering and Biotechnology.
4. Honor Certificate from the Scientific Research Society, Spain.
5. First Degree Honor for obtaining Bachelor degree with Excellency, Mansoura University.

8- Society Membership:

1. Membership in "The Egyptian Journal of Horticulture".
2. Membership in "The Egyptian Journal of Agriculture".
3. Member of the Journal of Agricultural Science Mansoura University.
4. Scientific Society for the Protection of the Environment, Egypt.
5. Saudi Society for Agricultural Sciences.

6. Saudi Society for Food and Nutrition.
7. Saudi Biological Society (2009-till now).
8. International Society for Horticultural Sciences (2011-till now).

9- Training courses:

1. Attendance and participation in a program of "E-learning course (Black-Board)" in Deanship of E-Learning and Distance learning which was held at King Saud University during the period of 13-14/2/1432.
2. Attendance and participation in a program of "Constructing Achievement Tests" in Deanship of Skills Development which was held at King Saud University during the period of 19-20/4/2009.
3. Attendance and participation in a program of "Outcome-based Learning" in Deanship of Skills Development which was held at King Saud University during the period of 2-3/11/2009 (14-15/11/1430).
4. Attendance and participation in a program of " Blackboard" in Deanship of E-Learning and Distance learning which was held at King Saud University during the period of 13-14/3/1433.
5. Attendance and participation in a program of "Eliminate live (virtual classrooms)" in Deanship of E-Learning and Distance learning which was held at King Saud University during the period of 16/3/1433.

10- Computers Program:

1. Graphic and Multimedia Programs (October 2001)
2. Internet Program (January 2002)
3. Flash Program for visual Lap (February 2002)
4. ICDL (2007)
5. e-Learning Program (2008)

11- International Scientific Cooperation:

1. Prof. Dr. J. Morton (Division of plant and soil science) West Virginia University, P.O. Box 6057. Morgantown, WV 26506 – 6057.
2. Dr. R. Koske (The University of Rhode Island, Department of Biological sciences, Ranger Road, Kingston, D.85350 Friezing, Germany.
3. Dr . Morandi Dominique (INRA, LPA, BV.1540) Dijon cedex, 21034, France.
4. Prof. Dr. A. Wiemken (University of Basel, Department of Botany, Hebelstrassel CH -4056 BASEL. Switzerland.
5. Dr. B. Tisserant (Observatories Oceanologique European, Avenue Saint- Martin, Mc - 98000 Monaco, Principality of Monaco.

12- References:

1- Dr. Abdul-Wasea A. Asrar

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2- Dr. Gamal M. Abdel-Fattah

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3- Dr. Magdi El-bana

Assistant Professor of Plant Taxonomy & Ecology, Suez Canal University, Egypt.

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4- Dr. Mahmoud M. Adel-Hakeem

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5- Dr. Salah Elhendawy

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6- Dr. Alaaeldin Omar

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