



BIOGRAPHICAL DATA

Name: Ahmed F. El-Shiekh
Date of Birth: June 11, 1900
Place of Birth: Alexandria, Egypt

Permanent position: Professor Dr. at Horticulture Science Department,
College of Agriculture,
Suez Canal University,
Ismailia, Egypt

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Education:

1977 B.Sc.	Horticulture (Pomology) Dept., Alexandria University, Egypt
1982 M.Sc.	Pomology
Thesis	Suez Canal University, Ismailia, Egypt "Studies on Vegetative and Floral Malformation of Mango Trees"
1991 Ph.D.	Postharvest Physiology,
Thesis	Louisiana State University, LA, USA "Quantitation of Phenolic Acids and Effect of Controlled Atmosphere Storage on Peach Fruit Quality"

Employment:

Since May ۲۰۰۴ till now:

Tropical & subtropical Fruits Specialist at the Ministry of Environment & Water, Fruit Research Station , Dibba, Fujairah ,UAE

Since Aug. ۲۸, ۲۰۰۹ till now:

Technical Research Coordinator and Tropical Fruits Specialist, Research Station Directorate, Technical Affairs Sector, MOEW, UAE

Since April, ۲۰۰۳ till now:

Professor of pomology at Suez Canal University, Horticulture Department, Ismailia, Egypt. Teaching Postharvest physiology (graduate and undergraduate levels), Fruits production, Tropical fruits, and Fruit marketing and exporting courses.

May, ۱۹۹۷ till March, ۲۰۰۳:

Associate professor of pomology at Suez Canal University, Horticulture Department, Ismailia, Egypt.

End of ۱۹۹۵ till April, ۱۹۹۷:

Assistant professor of pomology at Suez Canal University, Horticulture Department, Ismailia, Egypt.

۱۹۹۶-۱۹۹۸

Postharvest physiology consultant for the RONCO/ATUT (USAID) program with The Egyptian Ministry of Agriculture.

۱۹۹۳-۱۹۹۵

Visitor Scientist position, University of Minnesota, USA. Postharvest physiologist.

Study the effect of controlled atmosphere storage on apple fruits quality at different stages of maturity.

۱۹۹۱-۱۹۹۳

Assistant professor at the Horticulture Department, Suez Canal University, Ismailia, Egypt.

Teaching² Postharvest physiology (graduate and undergraduate levels), Fruits production, Tropical fruits, and Fruit marketing and exporting courses.

1980-1991

Graduate student at LSU, 137 Julian Miller Hall, Baton Rouge, LA 70803, USA. Experience in using HPLC and Spectrophotometer for organic acids, sugars and phenolic acids quantitation analysis.

1979-1980

Assistant Lecturer, Suez Canal University, Ismailia, Egypt.

Teaching labs of postharvest physiology, propagation, fruit production, and some other horticulture courses. Research in areas of nutritional and growth regulators effects on mango flowering behavior, malformation, productivity and quality.

Additional experience:

From Aug., 2008 to July, 2009:

Vice president of Partnerships & Resources and Society Results measures of Sheikh Khalifa Excellence program, Eastern Region Directorate, MOEW, UAE

Since Aug., 2009 till now:

Coordinating Editor (country editor) for Journal of Applied Horticulture.

Since Nov., 2008 till now:

A research evaluation committee member, Research Stations Directorate, MOEW, UAE

Since 2006:

A member of the Date Cultivation Improving Project, MOEW, UAE

** fruit trees maintenance, fruit production, insects & fungus control, pruning & training of fruit trees, grafting & budding, and postharvest handling of fruits & vegetables.

From 1996 to 2003:

Horticulture Department representative for Graduate Student, Library, and Laboratory committees, College of Agriculture, Suez Canal Univ., Ismailia, Egypt.

Membership in professional societies:

- * American Society For Horticultural Science (ASHS) from 1986 to 2002.
- * ASHS membership representative at Suez Canal Univ., Ismailia, Egypt from 1998 to 2002.
- * International Society For Horticultural Science, from 2000 till now.

Awards:

- 1- A nominee to be one of the 1000 leaders of science in 2002 by the American Biographical Institute, Inc., USA
- 2- Nomination for the 2000 & 2002 Medal of Honor by the American Biographical Institute, Inc., USA
- 3- Nomination for the title 'MAN OF THE YEAR-1999' by the American Biographical Institute, Inc., USA
- 4- ASHS Award for student travel, 1989, USA
- 5- T. K. McKnight Scholarship for 1988 (Outstanding Graduate Student). Department of Horticulture, LSU, USA

Meetings attendance:

- * Participation and attendance of the Fifteenth International Conference for Growth Substances in USA, 1990.
- * Produce Marketing Association (PMA) on Oct. 10-15, 1996, Atlanta, Georgia, USA.
- * The Seventh International Conference for Controlled Atmosphere Storage, on July 13-18, 1997 in USA.
- * The Fourth Arabic Conference for Horticultural Crops In Minia, Egypt, 1996.

Export

- * ^o Strategic Action Plans for Egyptian Mango Industry ١٩٩٧ and ١٩٩٨, ATUT/RONCO, USAID Project, Giza, Egypt.
- * The Fifth Arabic Conference for Horticultural Crops In Ismailia, Egypt, ٢٠٠١.
- * The ٩٨th ASHS Conference in Sacramento, California, ٢٠٠١.
- * The International Agriculture Expo (Agri. Expo) , Fujairah, ٢٠٠٦.
- * Khlifa International Date Palm Award, Emirates Palace Hotel, Abu Dhabi, March ٢٠٠٩.
- * Khlifa International Date Palm Award, Emirates Palace Hotel, Abu Dhabi, March ٢٠١٠.

Publications:

١. El-Shiekh A. F. (٢٠١٣). Effect of Some Biological Fertilizers on Productivity and Fruit Quality of "Adalia" Lemons growing in the United Arab Emirates. Accepted to be presented at the III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions in St. Augustine (Trinidad and Tobago), July ١-٥ ٢٠١٣
٢. El-Shiekh A. F. (٢٠١٣). Effect of Gibberellic Acid, Glutamic Acid and Pollen Grains Extract on Yield, Quality and Marketability of "Khalas" Date Palm Fruits. Accepted to be presented at the VI International conference on managing quality in chains (MQUI ٢٠١٣), Sep. ٢-٥, ٢٠١٣.
٣. El-Shiekh A. F. and R. K. Burshaid (٢٠١٠). Quality evaluation of some local and imported mango cultivars grown in the United Arab Emirates. Acta Hort. ٨٧٥: ٣٦٥-٣٧٥.
٤. Wahdan, M. T., El-Shiekh, A. F. and Bakry, KH. A. (٢٠٠٣). Influence of Dorcyol (as dormancy breaking agent) on bud behavior, growth, fruit retention and quality of peaches. Egypt. J. Agric. Res., ١(١): ١٢٩-١٤٣.

٥. Ismaeil, Faten, H. M., Wahdan, M. T., El-Shiekh, A. F. (٢٠٠٣). Response of Thompson seedless and Roumi Red grape cultivars to foliar sprays with yeast extract and GA₃. *J. Agric. Sci. Mansoura Univ.*, ٢٨(٨):٦٣٢١-٦٣٣٤.
٦. El-Shiekh, A. F. (٢٠٠٢). Quality and disorders of 'Balady' limes during cold storage at different temperatures and intermittent warming. *J. Agric. Sci. Mansoura Univ.*, ٢٧(٦):٤٠٤٥-٤٠٦١.
٧. El-Shiekh, A. F. (٢٠٠٢). Effect of preharvest bagging during development of mango fruits on postharvest colour and quality during cold storage. *Zagazig J. of Agric. Res.*, ٢٩(٣):٧٤٥-٧٦٦.
٨. El-Shiekh, A. F. (٢٠٠٢). Quality, storability, and decay of fresh-cut slices and whole peach fruits treated with ultraviolet (UV-B) irradiation. *J. Agric. Sci. Mansoura Univ.*, ٢٧(٨):٥٥٠٥-٥٥٢٤.
٩. El-Shiekh, A. F. (٢٠٠٢). Effect of preharvest calcium treatments on characteristics and storability of 'Le Conte' pear fruits. *Zagazig J. of Agric. Res.*, ٢٩(٢):٤٩٣-٥٢٤.
١٠. El-Shiekh, A. F., Habib, S. E., Bassal, M. A., and Gomaa, A. M. (٢٠٠٢). Storage potential of 'Le Conte' pear fruits harvested at different stages. *J. Agric. Sci. Mansoura Univ.*, ٢٧(٩):٦٢٨٧-٦٣١٢.
١١. El-Shiekh, A., Tong, C. B. S., Luby, J., Hoover, E., and Bedford, D. (٢٠٠٢). Storage potential of cold-hardy apple cultivars. *J. Amer. Pomological Soc.* ٥٦(١): ٣٤-٤٥.
١٢. El-Shiekh, A. F. and Wahdan, M. T. (٢٠٠٢). Effect of Dorcy ٥٠ (Hydrogen Cyanamide) spray on yield and peach fruit quality after harvest and during cold storage. *J. Agric. Sci. Mansoura Univ.*, ٢٧(٩):٦٢٤٣-٦٢٦٥.
١٣. Hancock, J. F., J.J. Luby, A. Dale, P. A. Callow, S. Serce, and A. El-Shiekh. (٢٠٠٢). Utilizing wild *Fragaria virginiana* in strawberry cultivar development: Inheritance of photoperiod sensitivity, fruit size, gender, female fertility and resistance. *Euphytica* ١٢٦:١٧٧-١٨٤.
١٤. Dosoukey, I. and El-Shiekh, A. F. (٢٠٠١). Evaluation of some Egyptian mango cultivars for exporting potential. *HortScience*, ٣٦(٣):٥٢٨. (Abst.).

١٥. El-Shiekh, A. F. (٢٠٠١). Effect of refrigeration, freezing, and storage duration on quality of four Egyptian date palm fruit cultivars. *Zagazig J. of Agric. Res.*, ٢٨(٣):٦٠٩-٦٢٧.
١٦. Tong, C.; Kruegel, D.; Vickers, Z.; Bedford, D.; Luby, J.; El-Shiekh, A.; Shackel, K.; Ahmadi, H. (١٩٩٩). Comparison of softening-related changes during storage of 'Honeycrisp' apple, its parents, and 'Delicious'. *J. Amer. Soc. Hort. Sci.*, ١٢٤(٤):٤٠٧-٤١٥.
١٧. El-Shiekh, A. (١٩٩٦). Effect of different postharvest hot water treatments on quality and storability of 'Marsh' grapefruit. *Gartenbauwissenschaft* ٦١: ٩١-٩٥.
١٨. El-Shiekh, A. and El-Abbasy, U. (١٩٩٦). Effect of hot air treatments on internal browning and quality of 'Le Conte' pears. *Egypt. J. Appl. Sci.* ١١:٦٥-٧٣.
١٩. El-Shiekh, A. and Habiba, R. (١٩٩٦). Effect of storage time on the quality of peach fruit held in cold storage in different types of packaging. *Gartenbauwissenschaft* ٦١: ٧-١٠.
٢٠. El-Shiekh, A., Wildung, D., Luby, J., Sargent, K., and Read, P. (١٩٩٦). Long-term effects of propagation by tissue culture or leaf-bud cutting on growth habit, yield, and berry weight of 'Northblue' blueberry. *J. Amer. Soc. Hort. Sci.* ١٢١(٢): ٣٣٩-٣٤٢.
٢١. Habiba, R. and El-Shiekh, A. (١٩٩٦). Effect of some growth regulators on yield and quality of fresh peaches and canning performance of the fruit. *The Fourth Arabic Conference for Horticultural Crops*. Minia University, Minia, Egypt.
٢٢. El-Shiekh, A., Tong, C., Luby, J., and Hoover, E. (١٩٩٥). Relationships between textural and structural differences of various apple cultivars during cold storage. *HortScience* ٣٠:٨١٧. (Abstr.).
٢٣. El-Shiekh, A. and Picha, D. (١٩٩٠). Effect of controlled atmosphere storage on peach quality. *HortScience*, ٢٥:٨٥٤. (Abstr.).
٢٤. El-Shiekh A. and Picha, D. (١٩٨٩). Quantitation of the major phenolic acids in peach fruit. *HortScience*, ٢٤:٧٢. (Abstr.).
٢٥. Shawky, I., Dahshan, D. and El-Shiekh, A. F. (١٩٨٢). Changes in some organic and

mineral components associated with [^]vegetative malformation in mango. *Annals of Agriculture Science*, 27:213-224.

26. Shawky, I., Dahshan, D. and El-Shiekh, A. F. (1982). Effect of alar and urea sprays on flowering behavior, panicles malformation, and productivity of 'Hindi Be Sinnara' mango. *Annals of Agriculture Science*, 27:220-240.

Thesis supervising:

- 1- Ph.D. granted in Aug. 7, 2007, Hort. Dept., College of Agric., Suez Canal Univ., Ismailia, Egypt.
- 2- M.Sc. granted in June 21, 2008, Hort. Dept., College of Agric., Suez Canal Univ., Ismailia, Egypt.
- 3- M.Sc. granted in Aug. 7, 2009, Hort. Dept., College of Agric., Suez Canal Univ., Ismailia, Egypt.

Extension publications: 10 publications in local Journal and at the web site of MOEW, UAE between 2008 to 2012.

Research in progress:

- 1- Studies on mango sudden decline syndrome and selection of resistant cultivars.
- 2- Effect of some natural compounds on yield and quality of "Khalas" date palm.
- 3- Effect of biological fertilizers on mangoes yield and quality.
- 4- Effect of mycorrhizae on reducing the usage of mineral nutrients on "Adalia" lemon trees, yield and fruit quality.

Names and Addresses of References

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