

Kingdom of Saudi Arabia,  
Ministry of Higher Education King  
Faisal University

**CURRICULUM VITA**

**Dr. Abdel-Kader Abdel-Kader Mohamed Sallam, Ph.D.**  
Assistant Professor

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المملكة العربية السعودية

جامعة الملك فيصل  
مركز التميز البحثي في النخيل والتمور



#### PERSONAL DATA

<b>Name</b>	Abdel-Kader Abdel-Kader Mohammed Sallam
<b>Nationality</b>	Egyptian
<b>Date / Place of Birth</b>	12 Feb., 1964; Meet Badr Khamis, El-Mansoura, Egypt
<b>Marital Status</b>	Married, two children

#### EDUCATION

Degree	University	Address	Date
Ph.D. Pomology	University of Mansoura	Mansoura, Egypt	Nov. 1997
M.Sc. Pomology	University of Mansoura	Mansoura, Egypt	June 1992
B.Sc. Plant Production	University of Mansoura	Mansoura, Egypt	June 1986 (Excellent with honor)

#### DOCTORAL DISSERTATION AND MASTER THESIS

<b>Doctoral Dissertation Title</b>	<b>Effect of some cultural practices on bud behaviour and productivity of both apples and grapes</b>		
<b>Major Field</b>	Pomology	<b>Minor Field</b>	Physiology, Agriculture operation, Production and fruit quality
<b>Master Thesis Title</b>	<b>Studies on grafting some grape cultivars</b>		
<b>Major Field</b>	Pomology	<b>Minor Field</b>	Tree Propagation

#### PROFESSIONAL EXPERIENCE

Employment Status	Place of Employment	Date
Assistant Professor	Date Palm Research Center of Excellence, King Faisal University, Saudi Arabia	May 2005, (12-4-1426H)
Lecturer	Lecturer of Pomology, College of Technology and Development, Zagazig University, Egypt	Nov 1993 - Jun 1995
Assistant lecturer	Lecturer of Pomology, Efficiency of Productivity Institute, Zagazig University, Egypt	Jan 1992 - Oct 1993

Demonstrator	Lecturer of Pomology, Efficiency of Productivity Institute, Zagazig University, Egypt	Jan 1988 - Dec 1991
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**TEACHING EXPERIENCE:**

Teaching different courses for under graduate students; Dates production, pomology production, Bases of Horticulture, Treatments of Post-harvest, Establishments of plant production, in the addition to the course of "Scientific Computer".

**FIELD EXPERIENCE:**

- Agriculture operations
- Physiology of pomology
- Water conservation.
- Evaluation of grape training systems actually used in Egypt.
- Evaluation of table grape cultivars behaviour and training systems in Egypt and California.
- Weed control in grape orchards
- Agriculture expert systems
- Statistical analysis.

**TRAINING AND OTHER EXPERIENCES:**

- Training course for agriculture engineers on effect of Agric. Practices vs Red Palm Weevil
- Training course for agriculture engineers on environmental factors to success fruits production.
- Training course for agriculture engineers on improvement of date palm fruits.
- Training under-graduate students of plant propagation (grafting, layering, cutting ... etc).
- Sharing in conducting numerous meetings with farmers to scope light on the most important cultural practices/treatments for raising fruits production and quality to export.
- Consultant in establishing and preparing orchards.
- Supervisor and carrying of pomology orchards.
- Field days for date palm farmers to transfer and solvent major problems.
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**SCIENTIFIC MEETINGS AND CONFERENCES:**

- The first international conference in Egypt on plant tissue culture and its application (12-14 Sept., 1999 Cairo).
- The international conference on date palm. 9-11 Sept., 1999, Assuit University.
- Symposium on Education remote area: Adoption the problems and lessons learned in the program of scientific cooperation for agricultural education in the remote area of agricultural extension and rural development, Faculty of Agriculture, Mansoura University from 29 May 30, 2001.
- Tenth Conference of Microbiology Hospitality House, Ain Shams University, Cairo 12-14 November, 2000.
- Symposium of Researches of Water Studies Center, KFU, Alhassa, KSA, 2008
- Symposium "risk of red palm weevil," SABIC, Riyadh March, 2008.
- Workshop "risk of red palm weevil," SABIC and the Arab Organization for Agricultural Development, Riyadh 25-26/3/2010.
- The Fourth Symposium on Date Palm in Saudi Arabia 5-8 May, 2007.
- The Fifth Symposium on Date Palm in Saudi Arabia 3-5 November, 2013.

## SELECTED PUBLICATIONS:

1. **Sallam A. A.** (2016). Impact of magnetic field of saline irrigation water on growth and gas exchange parameters of date palm. *Ecology, Environment and Conservation Journal*, (Acceptance).
2. Aleid, S.M., **Sallam, A.A.M.** and M.H., Mohammed (2016). Effect of alternative unconventional irrigation water on soil properties, fruit yield and quality, and microbial safety in date palm. *Irrigation and Drainage*. Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/ird.1959.
3. M. S. Hoddle, C. D. Hoddle, J. R. Faleiro, H. A. F. El-Shafie, D. R. Jeske, and **A. A. Sallam** (2015). How Far Can the Red Palm Weevil (Coleoptera: Curculionidae) Fly?: Computerized Flight Mill Studies With Field-Captured Weevils. *J. Econ. Entomol.* 108 (6):2599-2609; DOI: 10.1093/jee/fov240 .
4. Al Seikhan, M.S. and **A.A. Sallam** (2015). Impact of Chemical and Non-Chemical Thinning Treatments on Yield and Fruit Quality of Date Palm. *Journal of Food Science*, 4 (4):18-28.
5. Mohammed, M.H., **A.A.M. Sallam** and S.M. Aleid (2014). Assessment of soil heavy metal of cultivated soil irrigated with different irrigation water qualities in Al-Hassa Oasis, Kingdom of Saudi. *World Rural Observation* 6(4): 12-22. ISSN: 1944-6543 (Print); ISSN: 1944-6551 (Online). <http://www.sciencepub.net/rural>. 3 doi:[10.7537/marswro060414.03](https://doi.org/10.7537/marswro060414.03)
6. Faleiro, J.R., H.A.F. El-Shafie, A.M. Ajlan and **A.A. Sallam** (2014). Screening date palm cultivars for resistance to Red Palm Weevil, *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae). *Florida Entomologist*, 97 (4): 1529-1536.
7. Aleid, S.M., A.M. Elansari, Z. Tang and **A.A. Sallam** (2014). Effect of cold storage and packing type on Khalas and Sukary dates quality. *Advance Journal of Food Science and Technology* 6 (5): 306-308.
8. Hoddle M.S., Abdul Hadi Al-Abbad, H.A.F. El-Shafie, J.R. Faleiro, **A.A. Sallam** and C.D. Hoddle (2013). Assessing the impact of area-wide pheromone trapping, pesticide applications, and eradication of infested date palms for *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae) management in Al Ghowaybah, Saudi Arabia. *Crop Protection*, 53: 152-160.
9. **Sallam, A. A.**, Elshafie, H. A. F. and Al-Abdan, S. (2012). Influence of farming practices on infestation by red palm weevil *Rhynchophorus ferrugineus* (Olivier) in date palm: a case study. *International Research Journal of Agricultural Science and Soil Science*, 2 (8): 370-376.
10. M.A. Massoud, **A.A. Sallam**, J.R. Faleiro and S. Al-Abdan (2012). Geographic information system-based study to ascertain the spatial and temporal spread of red palm weevil *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae) in date plantations. *International Journal of Tropical Insect Science*, 32 (2): 108–115.
11. Al-Eid, S.M., Barber, A.R., Rettke, M., Leo,N., Alsenaien, W.A. and **Sallam, A.A.** (2012). Utilization of modified Atmosphere Packaging to extend the shelf Life of Khalas Fresh dates. *International Journal of Food Science and Technology*, 47, 1518-1525.

12. Hegazi, A.H. and **A.A. Sallam** (2007). Suitable Leaf/Bunch Ratio for Some Date Palm Cultivars Grown at the Western Desert of Egypt. The 4<sup>th</sup> Symposium on Date Palm in Saudi Arabia, 5-8 May 2007.
13. Abdel-Aal, H.H. and **A.A.M. Sallam** (2003). Cluster and berry characteristics of Flame Seedless grapes under different environmental conditions in Egypt. Proceedings of the 8<sup>th</sup> International Conference on Grape Genetics and Breeding, Acta Horticulturae, 603, 201204.
14. El-Hossiny, A.A. and **A.A. M. Sallam** (2003). Effect of different methods of weed control on efficiency of weeding, weed regrowth, yield and fruit quality of Washington Navel orange trees under Kafr El-Sheikh conditions. J. Product.& Dev., 8 (1): 95-103.
15. Ashour, N.E.; A.S. Hosam El-Din and **A.A. Sallam** (2002). Effect of weed control methods on growth and yield of Williams banana. Assiut J. Agric. Sci., 33 (2): 87-97.
16. **Sallam A.A.M.**; A.S. Hosam El-Din and N.E. Ashour (2002). Effect of spraying some microelements on yield and fruit quality of Hindy banana. J. Agric. Sci. Mansoura Univ., 27 (8): 5497 - 5504.
17. Hegazi ,A. ; N. R. Samra ; S. A. Mehana and **A. A. Sallam** (1999). Effect of Dormex and urea applications on Bud behaviour, histological structure and productivity of Thompson Seedless grapes. Zagazig J . Agric . Res., 26 (1): 81–93.
18. Hegazi ,A. ; N. R. Samra ; S. A. Mehana and **A. A. Sallam** (1999). Effect of Dormex and urea applications on flowering , yield, hormone content and bud histology of Anna apples trees. Zagazig J . Agric . Res., 26 (1): 95–106.

#### **PROJECT PARTICIPATION (finished)**

1. Participant (Co. I) entitled "Effect of thinning treatment on yield and its quality of Khalas and Ruzeiz date palm cultivars".
2. Participant (PI) entitled "Effect of magnetic technology treatments of saline irrigation water on growth, ion relations and photosynthesis capacity of Sagei date palm cultivar derived tissue culture".
3. Participant (Co. I) entitled "Evaluation of long term effect of irrigation water quality on yield, fruit quality and it's content of heavy metals for some date palm cultivars in Alahsa Oases" .
4. Participant (Co. I) entitled "Effect of thinning treatment on yield and its quality of Khalas and Ruseiz date palm cultivars".
5. Participant (Co. I) entitled "Developing Red Palm Weevil (RPW) *Rhynchophorus ferrugineus* (Olivier) IPM Technology in Date Palm Agro-Ecosystems of Saudi Arabia.
6. Co. I. in the project entitled “Weed control in Vine orchards”, Funded by ATOT (Agricultural Transfer of Technology”, ARC, Egypt, 1998.
7. Co. I. in the project entitled "Improvement of grape quality in Egypt”, Funded by ATOT (Agricultural Transfer of Technology", ARC, Egypt, 1996.
8. Co. I. in the project entitled “Effect of training systems of yield and its quality of grape in Egypt”, Funded by ATOT (Agricultural Transfer of Technology”, ARC, Egypt, 1997-1999.

#### **CURRENT RESEARCH PROPOSALS:**

1. Participant (Co. I) entitled "A comparison effect of different irrigation methods on applied water quantity, soil salinity, its nutrient contents and yield of Khalas date palm cultivar under Alahsa conditions".

2. Participant (Co. I) entitled " Efficacy Assessment of Certain Highly Selective Acaricides Against Date Dust mite *Oligonychus afrasiaticus* (McGregor): Laboratory and Field Experiments"
3. Participant (Co. I) entitled "Dynamics of palm dust mites and their natural enemies in Al-Ahsa".
4. Researcher entitled "Assessment of Post-Harvest Loss for Date Palms in the Kingdom of Saudi Arabia-Causes and Solutions".