


Personal Data

Name:	<i>Alaa El-Din Khalil Saad Omar</i>	
Marital Status:	Married +2 kids	
Date of Birth:	May 30, 1971.	
Place of Birth:	B, Egypt	
Nationality:	Egyptian	
Language:	Arabic, English and German	

Contact Data

Telephone:	+201097408240 - +2-0473251722
Fax:	+2-047 9102930
Email:	alaa.omr@agr.kfs.edu.eg omaradks2@yahoo.com & aomer@ksu.edu.sa
Web sites	http://portal.ksu.edu.sa/faculty/aomer
Office Address:	Horticulture Department, Faculty of Agriculture, Kafrelsheikh University 33516, Egypt
Home Address:	Kafr El-Sheikh, Egypt

Academic Data

Title:	Qualification	Qualification grade	Qualification institution	Qualification college	Qualification year	Qualification grade
EDUCATION :	<i>B.Sc</i>	Very good	Tanta University	Fac., of Agric.	1992	Very good
	<i>M.Sc</i>	NA	Tanta University	Fac., of Agric.	1997	NA
	<i>Ph.D.</i>	NA	Tanta University	Fac., of Agric.	2004	NA
	<i>M.Sc. title:-.</i> <i>Fertilization Trials on some date palm varieties in Balteem district, Kafr El-Sheikh Governorate</i>					
	<i>Ph.D. title:-.</i> <i>Characterization of Some Male Date Palm by Using RAPD and Some Morphological Parameters.</i>					

Career:	<p>-Demonstrator, Horticulture Dept., Fac. Of Agric., Tanta University, (1993-1997).</p> <p>-Assistant lecturer, Horticulture Dept., Fac. Of Agric., Tanta University 1997- 2004</p> <p>-Lecturer, Horticulture Dept., Fac. Of Agric., kafrelsheikh, University 2004- 2009</p> <p>-Associate professor, Horticulture Dept., Fac. Of Agric., kafrelsheikh, University 2009 till now.</p>						
References:	<p>Prof. Dr. / Iris Szankowski (Production Quality - Fruit Science Section (Fachgebiet Produktqualität - Obstbau), Herrenhäuser Straße 2 , D - 30419 Hannover, Germany. E-mail: Iris.Szankowski@obst.uni-hannover.de</p> <p>Prof. Dr. / Mohamed El-Ansary (Pomology-Hort.,Dept.,Fac., of Agric., Kafr El- Sheikh Univ., Egypt) Tel.: 0127187217 (FAO , Cairo – Egypt). E. mail: FAO-Egypt@fao.org</p>						
Awards	<p>* Distinguished Academic Publishing Award 2009, Kafrelsheikh University, Egypt</p> <p>*Certificate of best research in 2th Conference Air Pollution and Control" CAPC II 2011 -19-23 Sept., 2011 Antalia, Turkey.</p> <p>*Distinguished Academic Publishing Award 2013, Kafrelsheikh University, Egypt</p>						
Teaching Courses:	<p>I-Iam participating in teaching the following courses in the Horticulture (Pomology) Fac., of Agric., Kafr Elsheikh University, Egypt :-</p> <table border="0"> <tr> <td>1- Principles of fruit crops</td> <td>2- Production of fruit trees.</td> </tr> <tr> <td>3- Morphology Fruit trees.</td> <td>4- Fruit trees breeding</td> </tr> <tr> <td colspan="2">5- Post-harvest physiology of fruit crops</td> </tr> </table> <p>II- Iam participating in teaching the following courses in Plant Production Dept., College of Food and Agriculture Science, King Saud University, KSA:-</p> <ol style="list-style-type: none"> 1- Cultivation and production date palm for B.Sc 2- Foundations of plant production for B.Sc 3- Cultivation and production date palm-<i>advanced</i>. for M.Sc. 4- Fruit trees breeding- <i>advanced</i> , for M.Sc. 	1- Principles of fruit crops	2- Production of fruit trees.	3- Morphology Fruit trees.	4- Fruit trees breeding	5- Post-harvest physiology of fruit crops	
1- Principles of fruit crops	2- Production of fruit trees.						
3- Morphology Fruit trees.	4- Fruit trees breeding						
5- Post-harvest physiology of fruit crops							
Book publishing	<p><u>Preparation of a book entitled "The production of palm dates"</u> for undergraduate students.</p> <p><u>Manuals Issuing for Agricultural extension:-</u></p> <p>Date palm orchards service, February 2013</p> <p>Olive orchards service, July 2013</p>						

	<p>Figs orchards service, July 2013</p> <p>Ground, and the head of service for Date palm tree, December 2013</p>
Professional Training:	<p>*Post-doctoral in Germany (Institute for Biological Production system-Fruit Science -Hannover University-from 15/1/2007 to 15-1/2008).</p> <p>* German course: Mittile Stufe III, in 28/5/ 2001, from. Goethe institute Cairo, Egypt.</p> <p>* English:- Toefel international-total score:430 in 24 / 7/ 2000.</p> <p>* Training course in plant protection of Horticulture crops (13-22/9/1994) and (6/9/1997) in Tanta University ,in co- operation between Fac., of Agric. and (IPC) plant, Ede, Holland.</p> <p>*Training course in "Cultivation and industry of date palm in the Arab World" in the in Cairo Arab Council for Higher Studies and Scientific Research of the Union of Arab Universities - Egypt (10-14/9/, 2005).</p> <p>* Training course in Plant Biotechnology (26/ 2- 25/3/2007) in INSTITUT FÜR BIOLOGISCHE LEIBNIZ UNIVERSITÄT HANNOVER PRODUKTIONSSYSTEME – Hanover, Germany</p> <p>* Training course in Applications of genetic engineering, biotechnology and radioisotope in biological and agricultural fields in Middle Eastern Radioisotope Center For the Arab Countries from 4-15/9/ 2004.</p> <p>* Training course in plant protection of Horticulture crops (13-22 /9/1994) and (6-11/9/1997) in Tanta University ,in co- operation between Fac., of Agric. and (IPC) plant, Ede, Holland.</p> <p>* Training Courses in Microcomputer Software (The Arab Republic of Egypt, Ministry of Agriculture & Land Reclamation-CEMARP (Canada- Egypt –McGill Agricultural Response program).</p> <p>* Training course under title "Service date palm orchard"- plant production department- Faculty of food science and agriculture-king Saud University, Saudi Arabia - 29/1/2013.</p>
Personal Skills:	<p>MS Windows – MS Word –MS Excel – Power point – Statistical Analysis Using Irristat (Perform and analysis of variance).</p>

Membership	<ul style="list-style-type: none"> *-World Association of Young Scientists. *- Saudi biological society, 2011 *- Scientific Society for the Protection of the environment, Egypt. *- Journal of Agricultural Sciences, Faculty of Agriculture, Kafr El-Sheikh, Egypt.
Conference, Training, Meeting and Workshop Attended	<ul style="list-style-type: none"> *-2th International Conference on the Horticulture science. Horticulture Department, Faculty of Agriculture, Kafr El-Sheikh, Tanta University , Egypt , 10-12 /9/ 2002 * - Fruit Science Symposium- Institute for Biological Production system - Fruit Science, Hannover University -Germany , 9-11 /9/ 2007. *2th International Conference for Applications of Biotechnology 17-18/10/ 2009, Faculty of Biotechnology, October University for Modern Sciences and Arts and University of Greenwich, Egypt. * 4th International Date Palm Conference Abu Dhabi, United Arab Emirates; 15-17 /3/2010. *MSA Annual Conference for Pharmacy and Biotechnology Students - 30/6 – 1/7/2010 Faculty of Biotechnology, October University for Modern Sciences and Arts , Egypt. *4th International Conference on Water Resources and Arid Environments2020 (ICWRAE). Riyadh –Saudi Arabia, 6-8 /12/2010. * 4th International Conference for Agriculture and Rural Development (sustainable Agriculture development and the survival), 5-7 /4/2011, Hail- Saudi Arabia. *- 26th meeting of the Saudi biological society (Climatic change and biodiversity), 10-12 /5/ 2011, Taif University, Saudi Arabia. *- Workshop under title "Treated induced local lesions in genome – Tilling"-Organized by: Research team of KSU-INRA project and the center of excellence in biotechnology research during 21-26 /5/ 2011 , Location: College of Food and Agricultural Science. * 2th Conference Air Pollution and Control" CAPC II 2011 -19-23 /9/ 2011 Antalya, Turkey. *The First Scientific Conference for the Development of the Date Palms and Dates Sector in the Arab World, 4 - 7 /12/ 2011, at the Conference Center, Building 36 - KACST Head Quarters- King Abdullah Road- Riyadh - Saudi Arabia.

- * The Saudi Energy Efficiency **Workshop**, 2012-under title "Energy Efficiency Role in Shaping the KSA Energy Outlook"-Riyadh, **Saudi Arabia**.
- * **Workshop** under title "Training and pruning grape trees"- plant production department- Faculty of food science and agriculture- king Saud university, **Saudi Arabia - 4/2/2012**
- * "10th Water Desalination **Conference** in Arab countries" -8-**11 /4/2012**-king Faisal conferences Hall-Riyadh- **Saudi Arabia**.
- * The 27th **meeting** of the Saudi biological society (Economics of Environment and Natural Resources), **6-8 /3/ 2012**, Jazan Univ., **Saudi Arabia**.
- * 5th Saudi Science **Conference**" a new vision on the role of basic sciences in development-**16-18/4/2012**-Um Qura University-Makkah, **Saudi Arabia**.
- *The 2nd Saudi International Nanotechnology **Conference** 2012(2SIN). **11-13/11/2012**. Conference Hall- Bulding36-KACST Headquarters, King Abdulah Roa- Riyadh, **Saudi Arabia**.
- *-5th International **Conference** on Water Resources and Arid Environments" **7-9/1/2013**-King Saud Univ.,-Riyadh, **Saudi Arabia**.
- * International Conference on Agricultural Technology in Arid lands" **19-21/3/2013**-King Abel Aziz City -Riyadh, Kingdom of **Saudi Arabia**.
- *The 9th Annual International **Conference** of the Egyptian Society of Experimental Biology, Cairo University, **Egypt- 23-27/2/2013**
- * 28th **Meeting** of the Saudi Biological Society, Eco-tourism and Sustainable Development, Hail University, **9-11/4/2013**.
- *The Fifth **symposium** on date palm in Saudi Arabia (Biotechnology in date palm). Date palm Research Center of Excellence King Faisal University, Alahsa- **Saudi Arabia, 3-5 /11/ 2013**.
- * **Workshop** under title "**Phenotype characteristics of root nodulating isolated from woody legume trees grown in Saudi Arabia and their ability to nodulation**"- - For project No. 10-AGR1270-02, organized by *the research project team and national plant for science and technology*, plant production department- Faculty of food science and agriculture-

	king Saud university, Saudi Arabia - 11/11/2013
Participation in the projects	<p>1- "Disease control post-harvest non-chemical ways and maintain the quality of citrus fruits for export" in the period (1994-1995). This project is collaboration between the University of Tanta, Faculty of Agriculture Kafr El-Sheikh – Dept., of Hort., and the Ministry of Agriculture and Reclamation lands, (ATUT), Egypt. Principal Investigator: Prof. Dr. / Mohamed A. Al-Ansary (Prof. Fac., of Agric., Kafrelsheikh Univ. Assistant FAO Representative in Cairo now)</p> <p>2- " Ideal harvesting date and its relationship to storability of table grapes" in the period (1997-1999). This project is collaboration between the University of Tanta, Faculty of Agriculture Kafr El-Sheikh – Dept., of Hort., and the Ministry of Agriculture and Reclamation lands , (ATUT), Egypt. Principal Investigator: Prof. Dr. / Mohamed A. Al-Ansary (Prof. Fac., of Agric., Kafrelsheikh Univ. Assistant FAO Representative in Cairo now).</p> <p>3- " Ideal harvesting date and its relationship to storability of table grapes" in the period (1997-1999). This project is collaboration between the University of Tanta, Faculty of Agriculture Kafr El-Sheikh – Dept., of Hort., and the Ministry of Agriculture and Reclamation lands , (ATUT), Egypt. Principal Investigator: Prof. Dr. / Mohamed A. Al-Ansary (Prof. Fac., of Agric., Kafrelsheikh Univ. Assistant FAO Representative in Cairo now).</p> <p>4- " Recycling of rice straw for industrial purposes (bio-fuel, chemical compounds, enzymes, textile industry, compost, mushroom production, etc.) in the Governorate of Kafr El-Sheikh, Egypt. In the period (2009 till now). This project is funded by Fund to support research University Kafr El-Sheikh, Egypt. Principal Investigator: Associate Prof. Dr. / El-Sayed A. Belal (Assistant Prof. Agricultural Microbiology dept., Fac., of Agric., Kafrelsheikh Univ., Egypt).</p> <p>5- Effect of NPK compound fertilizer rates and methods on date palm nutritional status, productivity and fruit quality. Sabic Company and king Saud University, KSA (2012-2014). Principal Investigator: Associate Prof. Dr. / Rashed S. Al-Obeed (Assistant Prof. Plant production dept, College of Food and Agriculture Science, King Saud University, K S A).</p>

Publications

- 1- Ayaad, Hamdia, M., M. Salama, M. El-Ansary and **A. Omar**. (2002). Fertilization trials on some date palm varieties in Balteem district Kafr El-Skeikh Governorate. I. Organic fertilization. *J. Agric. Research, Tanta Uni.* 28 (3/III): 1181-1191.
- 2- Ayaad, Hamdia, M., M. Salama, M. El-Ansary and **A. Omar** (2002) Fertilization trials on some date palm varieties in Balteem district ,Kafr El-Skeikh Governorate. II. Nitrogen fertilization. *J. Agric. Research, Tanta Uni.* 28 (3/III): 1192-1202.
- 3- **Omar, A.** (2007). Rooting and growth response of grapevine nurslings to inoculation with arbuscular mycorrhizal fungi and irrigation intervals, *Journal of Applied Horticulture*, 9(2): 108-111, July-December, 2007
- 4- **Omar, A.** and E.Belal (2007). Effect of organic, inorganic and bio-fertilizer application on fruit yield and quality of mango trees (*Mangifera indica* L. cv.“Sukari”) in Balteem, Kafr El-Sheikh, Egypt. *J.Agric.,Res.,Kafer El-Sheikh Univ.*,33(4).pp 857:872..
- 5- **Omar, A.**(2008). Effect of seaweed extracts and calcium chloride dipping on quality of Eraby date palm(*Phoenix dactylifera* L.) fruits during cold storage. *J. Agric., Res.,Kafer Elsheikh Univ.*,34(4).pp 1164:1179.
- 6- Szankowski I.; **Omar,A.**; S. Waidmann; H. Flachowsky, C. Hättasch and M.-V. Hanke (2009). RNAi- silencing of MdTFL1 induces early flowering in apple. *Act Hort.*839, *ISHS 2009* p: 633:636.
- 7- **Omar, A.** and A. El-Sherif (2009). Effect of different pollination levels on fruit quality of “Hayany” date palm (*Phoenix dactylifera* L.). *J. Agric. Sci. Mansoura Univ.*, 34(6):6589-6594.
- 8- Salama,M.I.;S.M. Zeeban;**A.Omar** and M.E.Zalat (2009). Effect of foliar application with GA₃, KNO₃ , Urea and CaCl₂ on yield and quality of navel orange (*Citrus sinensis* Osbeck) fruits. *Annals of Agric., Sc., Moshtohor* .47(1):71-79.
- 9- Belal, E.; **A. Omar** and A. Zaghloul (2009).Effect of some biological and chemical postharvest treatments on storability of Washington navel oranges (*Citrus sinensis* Osbeck). A-Biological Agents. *J. Agric., Res.,Kafer Elsheikh Univ.*,35(2).pp: 697:712.
- 10- **Omar, A.**; E. Belal, E. and A. Zaghloul (2009). Effect of some biological and chemical postharvest treatments on storability of Washington navel oranges (

- Citrus sinensis Osbeck). B – Calcium chloride treatments. *J. Agric., Res. ,Kafer Elsheikh Univ.,35(2),pp : 713:727.*
- 11-** El-Hamady,M.M; Hamdia M.Ayaad; M.E.Salama and **A.Kh.Omar.(2010).**
Metaxinic effects as related to hormonal changes during date palm fruit growth and development. *ISHS Acta Hort. 882, 3 December 2010 ,Vol.1(77).*
- 12--** Kassem, H. A., **Omar, A., Kh.** and Ahmed, M. A. (**2011**) Response of Zaghloul date palm productivity, ripening and quality to different polyethylene bagging treatments . *American-Eurasian J. Agric. & Environ. Sci., 11 (5): 616-621, 2011.*
- 13-** Kassem, H. A., Al-Obeed, R.S., Ahmed, M. A. and **Omar, A., Kh. (2011).**
Productivity, fruit quality and trees improvement by preharvest application of agro-chemicals. *Middle-East Journal of Scientific Research, 9 (5): 628-637, 2011.*
- 14-Omar, A. (2012) .** Characterization of some male date palm seedling trees using RAPD technique and some morphological parameters. *Fifth Saudi Science Conference (SSC5'2012).16-18/4/2012at Umm Al-Qura university, Makkah, Saudi Arabia.*
- 15-Mikhael,G.B., A. K. Omar** and M. A. Gaber.(**2012**).Yield and fruit quality of "Dessert Red" peach trees as influenced by planting density and pruning severity. *J. Biol.,Chem. Environ. Sci.,2012. Vol.7(2):123-44.ww.acepsag.org*
- 16-Omar, A.; E. Belal, E. and A. Alabd (2012).** Effects of foliar application with compost tea and filtrate biogas slurry Liquid on yield and fruit quality of Washington Navel Orange (*Citrus sinensis Osbeck*) trees. *Journal of the Air & Waste Management Association, 62(7):767-772.Impact factor 1.517.*
- 17-Omar, A.; S. Soliman and M. Ahmed (2013).** Impact of Leaf/bunch ratio and time of application on yield and fruit quality of Barhi date palm trees (*Phoenix dactylifera,L.*) under Saudi Arabia conditions. *Journal of Testing and Evaluation , ISSN: 0090-3973,41(5):813-817.Impact factor 0.349.*
- 18-** Ahmed, M.; S. El-Saif; S. Soliman and **A. Omar (2013).** Effect of pollination

- date on fruit set, yield and fruit quality of “Rothana” date palm cultivar under Riyadh condition. *Journal of Applied Sciences Research*, ISSN: 1819-544X, 9(4):2797-2802.
- 19- Omar, A. (2013).** Influence of pollen source on yield and fruit quality of Zaghloul date palm (*Phoenix dactylifera*, L.,). *The 28th Meeting of the Saudi Biological Society, Eco-tourism and Sustainable Development, Hail University, 9-11/4/2013 (Abstract)*
- 20- Alswalmeh, H.; R. Al-Obeed; and A. Omar (2013).** Effect of irrigation water salinity on growth of fig (*Ficu carica*, L.) Turkey and Royal cvs) seedlings. *The 28th Meeting of the Saudi Biological Society, Eco-tourism and Sustainable Development, Hail University, 9-11/4/2013 (Abstract)*.
- 21- Soliman, S.S. Al-Obeed, R. S., Omar, A.K, Ahmed M.A. (2013).** A comparative study of the morphological characteristics of some seedling date palm males. *The 28th Meeting of the Saudi Biological Society, Eco-tourism and Sustainable Development, Hail University, 9-11/4/2013 (Abstract)*.
- 22- Omar, A. (2013).** Effect of bunch bagging material on yield and fruit quality of Sewey date palm trees (*Phoenix dactylifera*, L.,) *The 9th Annual International Conference of the Egyptian Society of Experimental Biology, Cairo University, 23-27/2/2013 (Abstract)*.
- 23- Omar, A. and E. Belal (2013).** Storability and quality improvement of Washington Navel orange fruit (*Citrus sinensis Osbeck*) by safe pre-harvest treatments. *Biological Agriculture & Horticulture Journal*: <http://dx.doi.org/10.1080/01448765.2013.845113> pp.: 1:12. **Impact factor 0.381.**
- 24- Soliman, S.S. Al-Obeed, R. S., Omar, A.K, Ahmed M.A. (2013).** A comparative study of the morphological characteristics of some seedling date palm males. *Journal of Applied Sciences Research*, 9(7): 4463-4468.
- 25- Omar, A. (2013).** Effect of amount of pollen on anatomy and quality of Zaghloul date palm fruit (*Phoenix dactylifera*, L.) *The First Scientific Conference for the Development of the Date Palms and Dates Sector in the Arab World, 4 - 7 December 2011, Riyadh - Saudi Arabia. P: 121-135.*