

CURRICULUM VITAE

PERSONAL DETAILS



Name : Mahmoud Abdelfatah Mahmoud Younis
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Date of Birth : April 27, 1977.
Nationality : Egyptian.
Marital Status : Married.
Position : Assistant Professor of Food Engineering and Postharvest Technology, Chair of dates industry and technology, Collage of food and agricultural Sciences, King Saud University.

EDUCATION AND QUALIFICATIONS

- 1- Ph.D. In Agricultural Science (Agricultural Mechanization). in August 2010. Address of the thesis (Thin layer drying of garlic slices using infrared)
- 2- M. Sc. Degree In Agricultural science, Agric. Engineering, January (2004). Address of the thesis (a comparative study between two methods of forcing and suction air during drying of shelled corn)
- 3- B. Sc. Agric. Mech., in june, 1999. Grade of very good.

CAREER HISTORY AND EXPERIENCES

- 1-Assistant Professor, Chair of dates industry and technology, Collage of food and agricultural Sciences, King saud university, From 15/9/2012.
- 2- Researcher, Rice Mechanization Center, Agricultural Engineering Research Institute, Agricultural Research Center. Egypt, From December 2011.
- 3-Agricultural engineer, Rice Mechanization Center, Agricultural Engineering Research Institute, Agricultural Research Center. Egypt. From 1/7/2008.

- 4-Mandate to Rice Mechanization Center, Agricultural Engineering Research Institute, Agricultural Research Center. Egypt. As agricultural engineer from 22/8/2002.
- 5-Agricultural engineer, Directorate of Agriculture, Kafr El-Sheikh, Egypt

ACADEMIC AND PRACTICAL EXPERIENCE

- 1 - Mandate to Rice Mechanization Center, Agricultural Engineering Research Institute, Agricultural Research Center. Egypt.
- 2- Published of about 12 published paper.

PROFESSIONAL MEMBERSHIPS

- 1- Member in union of agricultural engineers.
- 2- Member of Misr Society of Agricultural Engineering, Egypt.

COURSES AND SKILLS

- 1- Transdisciplinary Research. 2/3/2107.
- 2- Stakeholder Engagement. 1/3/2017.
- 3- Publishing and Disseminating. 28/2/2017.
- 4- Establishing Research Management. 27/2/2017.
- 5- Developing Effective Research. 26/3/2017.
- 6- Plagiarism. 13/2/2017.
- 7- Software tab and writing scientific references 25/1/2017.
- 8- Statistical tests using SPSS 17/1/201.
- 9- Basics of Translation in the Academic field. 9/12/2014.
- 10- "Cloud Computing Tutorial" at The 2nd Saudi International Conference on Information Technology, KACSTIT, 17 November 2013.
- 11- "Cyber Security Tutorial at The 2nd Saudi International Conference on Information Technology, KACSTIT, 20 November 2013.
- 12- "Wireless Networks Tutorial" The 2nd Saudi International Conference on Information Technology, KACSTIT, 20 November 2013.
- 13- Servicing date palm orchards 29/1/2013.
- 14- English language from the Faculty of Education - Tanta University (24/9/2005 to24/11/2005).

- 15- PC level (second) of the Faculty of Commerce - Tanta University (August 2005).
- 16- The basics of using tractors and farm machinery in field trials and research work.
- 17- Internet of the Faculty of Commerce - Tanta University (21/9/2000).
- 18- Ways to tighten controls on agricultural pesticides. (September 2001).
- 19- PC level (first) of the Faculty of Commerce - Tanta University (January 2000).

SCIENTIFIC CONFERENCES, SEMINARS AND WORKSHOPS

- 1- Symposium on "Food Safety and the Role of the Food and Drug Authority" Department of Chemistry, Faculty of Science, King Saud University, Riyadh, Saudi Arabia, 15 March 2017.
- 2- Workshop "Thermal Extrusion Technologies for Foods" Riyadh, King Saud University, 20 April 2015.
- 3- Scientific Forum "Entrepreneurship" Riyadh, King Salman Institute for Entrepreneurship, King Saud University, 19-21 April 2016.
- 4- The second workshop "How to establish and manage your entrepreneurial project?" Riyadh, King Salman Institute for Entrepreneurship, King Saud University, 21 April 2016.
- 5- The Third Workshop "Successful Marketing of Your Entrepreneurial Project" Riyadh, King Salman Institute for Entrepreneurship, King Saud University, 21 April 2016.
- 6- Workshop " Arbitration of translated books: Development of mechanisms " Riyadh, King Saud University, 20 April 2016.
- 7- The 1st Saudi Conference for Research Support "Financing, Challenges and Solutions" King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia, 2-4 November 2014.
- 8- The 8th Conference of the Saudi Society for Agricultural Sciences, "Integration of Domestic and External Agricultural Investment to Achieve Food Security in the Kingdom", College of Food and Agricultural Sciences, King Saud University, Riyadh, Saudi Arabia, 29-30 October 2014.
- 9- The 2nd Saudi International Conference on Information Technology, KACSTIT, 17 November 2013. "High Performance Computing Tutorial" at

- The 2nd Saudi International Conference on Information Technology, KACSTIT, 18-19 November 2013.
- 10- Workshop "Towards distinguished outcomes for the national plan projects" Riyadh, King Saud University, 2 March 2013.
 - 11- Workshop "Biodiversity of Insecticides in Khirim farm. College of Food and Agricultural Sciences, King Saud University, Riyadh, Saudi Arabia, January 7, 2013.
 - 12- 5th International Conference on Water Resources and Arid Environments 7-9 January 2013.
 - 13- Lecture on " the Scientific Research Ethics" 23 December 2012, Collage of Science.
 - 14- Scientific Meeting (38) under the title (Invasive plants) held by the Saudi Society of Agricultural Sciences dated 17 December 2012.
 - 15- The first international conference on assessment and evaluation – Riyadh 2 – 4 December 2012.
 - 16- The 2nd Saudi international nanotechnology conference (2SINC) 2012 – Held on 11-13 November 2012
 - 17- The 15th Annual Conference of Misr Society of Agricultural Engineering on “Agricultural Mechanization and Engineering Between Existing and Prospected” 12 – 13 March 2008.
 - 18- The 14th Annual Conference of Misr Society of Agricultural Engineering on "New Trends in Agricultural Engineering", in cooperation with the College of Agriculture, Ain-Shams University, 22 November, 2006.
 - 19- The 13th Annual Conference of Misr Society of Agricultural Engineering on “Role and Horizons of Agricultural Engineering in the Contemporary World”, Department of Agricultural Engineering, Faculty of Agriculture, Al-Azhar University, 14-15 December, 2005.
 - 20- The 12th Annual Conference of Misr Society of Agricultural Engineering on “Modern Technology in Agricultural Engineering Researches and Applications And Development of Educational Programs”, Agricultural Engineering Department, Faculty of Agriculture, Alexandria University, 4-5 October, 2004.
 - 21- The 11th Annual Conference of Misr Society of Agricultural Engineering in Cooperation with Agricultural Engineering Research Institute “Agricultural Engineering Role for Minimizing Losses and Maximizing Agricultural Production” Rice Mechanization Center, Meet El-Deeba, Kafr El-Sheikh Governorate, 15-16 October, 2003, Kafr El-Sheikh, Egypt.

PUBLICATIONS

- 1- Alsawmahi, O. N, Al-Juhaimi, F., Alhamdan A. M, Ghafoor, K., Ahmed, Isam A. M., Bakri H Hassan, Ehmed K. A., Abdelkarim D., **Younis M.**, Alashmawe N., Adiamo O. Q. (2018). Enzyme activity, sugar composition, microbial growth and texture. of fresh Barhi dates as affected by modified atmosphere packaging. Journaof food science and technology mysore.
- 2- Alsawmahi, O. N, Al-Juhaimi, F., Alhamdan A. M, Ghafoor, K., Adiamo O. Q., Ahmed Isam A. M., Bakri H Hassan, Ehmed K. A., Babiker E. E, Abdelkarim D., **Younis M.**, Alashmawe N.(2018). Phenolic, tannin, antioxidant, color, and sensory attributes of Barhi date (Phoenix dactylifera) fruit stored in modified atmosphere packages. Journal of Food Biochemistry.
- 3- Atia A., Abdelkarim D., **Younis, M. A.**, Alhamdan A. (2018), Effects of Gibberellic Acid (GA3) and Salicylic Acid (SA) postharvest treatments on the quality of fresh Barhi dates at different ripening levels in the Khalal maturity stage. International Journal of Agricultural and Biological Engineering 11 (3), 211-2019
- 4- Atia A., Abdelkarim D., **Younis, M. A.**, Alhamdan A. (2018). Effects of calcium chloride and salicylic acid postharvest treatments on the quality of Khalal Barhi dates at different ripening levels during cold storage. Journal of Food Measurement and Characterization. 12, (2),1156-1166.
- 5- **Younis, M. A.**, D., Abdelkarim and A., Zein El-Abdein (2018).Kinetics and mathematical modeling of infrared thin-layer drying of garlic slices. Saudi Journal of Biological Sciences. 25, 332–338.
- 6- Alhamdan, A., Hassan, B., Alkahtani, H., Abdelkarim, D., **M. A. Younis** (2018). Cryogenic freezing of fresh date fruits for quality preservation during frozen storage, Journal of the Saudi Society of Agricultural Sciences.17, 9-15. doi: <http://dx.doi.org/10.1016/j.jssas.2015.12.001>
- 7- Alhamdan, A., Hassan, B., Alkahtani, H., **M. A. Younis**, Abdelkarim, D. (2016). Quality changes in fresh date fruits (barhi) during individual quick freezing and conventional slow freezing, Pak. J. Agri. Sci., Vol. 53(4), 917-924.
- 8- Alhamdan, A., Hassan, B., Alkahtani, H, Abdelkarim, M. A. Younis D. (2016). Freezing of fresh Barhi dates for quality preservation during frozen storage, Saudi Journal of Biological Sciences. xxx, xxx–xxx
- 9- Alhamdan A., H. Sorour, D. Abdelkarim and **M. A. Younis** (2014). Viscoelasticity of the Bulk Quantities of Eight Saudi Date Cultivars. Acta Advances in Agricultural Sciences, Vol. 2, Issue 6, 1-10.

- 10- Alhamdan A., H. Sorour, **M. A. Younis** and D. Abdelkarim (2014). Evaluating the viscoelastic of Barhi dates at three maturity stages. G. J. B. H. S., Vol. 3(1): 168-173.
- 11- Alhamdan A., H. Sorour, D. Abdelkarim and **M. A. Younis** (2014). Texture profile analysis of date flesh for some Saudi date cultivars. International Journal of General Engineering and Technology (IJGET), Vol. 3, Issue 3, 1-10.
- 12- Alhamdan A., H. Sorour, **M. A. Younis** and D. Abdelkarim (2014). The mechanical properties of different cultivars dates at three maturity stages. IMPACT: International Journal of Research in Engineering & Technology, Vol. 2, Issue 3, 51-60.
- 13- Alhamdan A., H. Sorour, D. Abdelkarim and **M. A. Younis** (2014). Creep-Recovery Behavior for eight Dates Cultivars at Two Different Maturity Stages. IMPACT: International Journal of Research in Engineering & Technology, Vol. 2, Issue 3, 73-80.
- 14- Alhamdan A.M., H.M. Sorour, , D. O. Abdelkarim and **M.A. Younis** (2014). Effect of stage of maturity on stress relaxation of bulk dates of some Saudi date cultivars (Poster Presentation) in the 29th annual meeting of the Saudi Biological Society in collaboration with the University of Dammam and Prince Sultan Research Chair for Environment and Wildlife under the title: "Environment and development in the Gulf region" held in Dammam, Saudi Arabia on February 25- 27, 2014.
- 15- Alhamdan A.M., H.H. Bakri, H.M. Sorour, **M.A. Younis** and D. O. Abdelkarim (2014). The Mechanical Properties of Barhi Dates at Different Maturity Stages (Poster Presentation) in the 29th annual meeting of the Saudi Biological Society in collaboration with the University of Dammam and Prince Sultan Research Chair for Environment and Wildlife under the title: "Environment and development in the Gulf region" held in Dammam, Saudi Arabia on February 25- 27, 2014.
- 16- Alhamdan A.M., H.H. Bakri, H.M. Sorour, D. O. Abdelkarim and K.A.M. Ahmed. (2013). Creep-Recovery for eight date cultivars at two different maturity stages. The seventh Conference of the Saudi Society of Agricultural Sciences (KSU) under the title: "Agriculture and food security challenges for the GCC countries," held during 7-9 May in Hail, Saudi Arabia.
- 17- Alhamdan A.M., H.H. Bakri, H.M. Sorour, **M.A. Younis**, and D. O. Abdelkarim (2013). Effect of Maturity Stages on the Stress Relaxation of Four cultivars of Dates. 7th Conference of the Saudi Society of Agricultural Sciences (KSU) under the title: "Agriculture and food

security challenges for the GCC countries," held in Hail, Saudi Arabia on May 7-9, 2013.

- 18- Abdel-Motaleb, I. A., M. M. El-Kholy, N. H. Abou-El-Hana and **M. A. Younis** (2009). Thin Layer Drying of Garlic Slices Using Convection and Combined (Convection - Infrared(Heating Modes). *Misr J. Ag. Eng.*, 26(1): 251- 281
- 19- Abdel-Motaleb, I. A., M. M. El-Kholy, N. H. Abou-El-Hana and **M. A. Younis** (2009). Thin layer drying of garlic slices using infrared. , *Misr J. Ag. Eng.*, 26(1): 282- 305.
- 20- Abou-El-Hana, N. H. and **M. A. Younis** (2008). Pressure drop through shelled corn as affected by airflow rates, moisture content and air temperature. *Misr J. Ag. Eng.*, 25(3): 944-956.
- 21- Abdel-Motaleb, I. A., N. H. Abou-El-Hana and **M. A. Younis** (2005). Decrease in pressure during the corn excessive and influenced by the airflow rate, moisture content of grain and air temperature. The 13th Annual Conference of the Misr Society of Agricultural Engineering of 14-15 December, 2005, **Al-Azhar University**, Cairo, Egypt.
- 22- Abdel-Motaleb, I. A., F. Hendy, N. H. Abou-El-Hana and **M. A. Younis** (2004). A comparative study between two methods of forcing and suction air during drying of shelled corn. *Misr J. Ag. Eng.*

Books

- 1-Younis, Mahmoud, Diaeldin Abdelkarim and Bousy Abdul Salam. 2015. *Date Palm: Home and small industrial applications*. King Saud University Press.
- 2-Younis, Mahmoud and Hamdy Alwany. 2016. *The quality of the food safety management*. King Saud University Press.
- 3-Younis, Mahmoud and Hamdy Alwany. 2016. *The application of food safety quality systems in dates factories*. King Saud University Press.

LIST OF REFEREES

Prof./ Hussain Sorour: Professor of Food Engineering and Postharvest Technology, Department of Agricultural Engineering, Faculty of Agriculture, Kafrelsheikh University, Egypt.

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