



PROF.DR. MOHAMED HAMED EL-SHEIKH

PROFESSOR OF PLANT PRODUCTION

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| PERSONAL INFORMATION | Full Name: | Mohamed Hamed El-Sheikh |
| | Affiliations: | Dean of Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt |
| | Address: | Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt |
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| | E-mail: | melsheikh67@yahoo.com |
| | Important links: | |
| RESEARCH INTERESTS | Plant production, molecular plant, plant response to biotic and abiotic stress, plant microbe interactions, Statistics and modeling, Synchrotron light research with emphasis on plant science. | |

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| <p>EDUCATION</p> | <ul style="list-style-type: none"> • Ph.D.: Pomology, Pomology Department, Faculty of Agriculture, Cairo University, Egypt. (2001) Entitled: "Studies on breaking bud dormancy types of some low chilling requirement peach cultivars ." • M.Sc. pomology department, Faculty of Agriculture, Cairo University, Egypt. (1996) Entitled: "Growth and root distribution of some olive cultivars under different soil conditions". • B.Sc. of Agricultural Science, Horticulture Department, Faculty of Agriculture, Menoufia University, Egypt. (1990) with degree: very good with honor degree. |
| <p>ACTIVITIES</p> | <p>Scientific Activities</p> <ul style="list-style-type: none"> ± Professor, Pomology, Plant Production Department, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from April, 2014 till now. ± Associate professor, Plant Production Department, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from May 2008 till April, 2014. ± Researcher , Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria and a supplement to work in National Research Center, El-Dokki, Cairo, Egypt from 2001 to 2008. ± Assistant Researcher, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria and a supplement to work in National Research Center, El- |

Dokki, Cairo, Egypt from 1996 to 2001.

- Research Assistant, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria and a supplement to work in National Research Center, El-Dokki, Cairo, Egypt from 1991 to 1996.

Membership of scientific societies

- Member of the Egyptian Association for development and technology transfer.
- Member of the Arab Biotechnology Association .
- Member of the Arab Society for Materials Sciences.
- Member of the Egyptian Society for the Welfare of Scientific Research since 2013.
- Member of the Arab Environment Association and a participant in the Council of Sages of Sustainable Development in the Mariot sector.
- Member of the Society for the Development of Clean Agriculture Systems.
- Member of the Water Technology Association.

Research projects

- Member of the research team: For the project "Prospects for cooperation between rizopia and clover under environmental pressure", a project funded by the Science and Technology Fund of the Academy of Scientific Research for 6 months from August

2012 to January 2013.

- Member of the research team: for the national campaign to promote the banana crop and participate in weekly visits to farms supervised by the campaign and write the annual report during the period 1/5/ 2007 until now.
- Member of the research team: for the project to expand the cultivation, improvement and development of transport trees in Sinai and participate in weekly visits to farms supervised by the project and write the annual report during the period 1/12/2005 until 1/11/2007.
- Member of the research team: for the technical consulting unit and the production and marketing of seedlings and fruit fruits (a special edition unit) during the period 10/6/2003 to 30 April 2004.
- Member of the research project: entitled: "Drafting a law to model a policy of application like me for the integrated management of the ataph in citrus", an Egyptian-American cooperation in 2012.
- Member of the research team: entitled: "Nematoda pathogen for insects as a promising antibiotic to fight ticks and some clover and corn pests in animal farms" at the National Research Center.

- Member of the research team: entitled: "National campaign for the development of banana crop productivity" by contracting with the National Research Center and the Academy of Scientific Research and Technology from 1/5/2007 to 30/6/2009.
- Member of the research project: entitled: "Evaluation of the Jatropha Corcas plant as a source of renewable and sustainable energy in the Mediterranean region" funded by the European Union from June 2011 to June 2015.
- Member of the research team: entitled: "National campaign to develop the productivity of citrus crop" by contracting with the National Research Center and the Academy of Scientific Research and Technology from 1/4/2004 to 30/6/2009.

Administrative Activities

- Dean, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from 2020 till now.
- Vice-dean, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from 2018 and for 3 years.
- Vice-dean, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from 2015 and for 3 years.

- Head of plant production department, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from 2011 till 2015.
- Dean, Arid Land Cultivation and Development Research Institute (ALCRI), City of Scientific Researches and Technology Applications, New Borg El-Arab City, Alexandria, Egypt, from 2012 till 2013.

Membership of the Scientific Councils of the Institute

- Chairman of the Board of the Arid Land Agriculture Research Institute in the City of Scientific Research and Applications for its 2012/13 session and its 2020/2021 session
- Member of the Board of the Arid Land Agriculture Research Institute in the City of Scientific Research and Applications for its 2009/10 session and successive sessions until its 2020/2021 session
- Chairman of the Board of The Department of Plant Production, Arid Land Agriculture Research Institute, City of Scientific Research and Technological Applications in its 2013/14 session as well as 2014/15
- Member of the Board of The Plant Production Department of the Arid Land Agriculture Research Institute in the City of Scientific Research and Technological Applications 2014 and its successive courses until 2019/2020 - 2020 - 2021

Presidency and membership of committees and scientific and functional services for the workplace and society

- Chairman of the Technical Committee for pricing the price of a kilo of olives (different types) produced from the experimental olive farm by the decision of A.D. scientific supervisor of the experimental olive farm No. (270) on 21 August 2019.
- Chairman of the Committee formed by decision No. (61) for the year 2018 to receive works from installations in the installations of the number of five factories in the building of the Institute of Research on the Cultivation of Arid Lands.
- Chairman of the Committee formed by resolution No. (63) for 2014/2015 to establish the estimated value and the chair of conditions for the tender of office furniture at the Research Institute for the cultivation of arid lands.
- Chairman of the problem committee to examine the number of VIOP telephones of the Arid lands Institute and the center for development of pharmaceutical, pharmaceutical and fermentation industries.
- Chairman of the committee formed to develop the brochure of conditions and monetary value of the tender for chemicals, glass, and plastics and the needs of the various departments of the Agricultural Land Research Institute by executive order no. (368) for the year 2013.
- Chairman of the committee that is the problem for the

development of the estimated value and the brochure of conditions for the fiscal year 2013/2014.

- Chairman of the committee that is responsible for the development of the specifications of the terms booklet, the estimated value, primary insurance and the sale price of the brochure of conditions and specifications for the fiscal year 2014/15.
- Chairman of the committee that is the problem for the study of the memorandum presented to show the area planted in the typical olive plantation with trees and determine its area and limits and a statement that has already been allocated to any research projects in order to adopt it as a pilot research experimental farm.
- Member of the committee formed by the gentlemen/ center of information and computer systems in the Ministry of Military Production and negotiation of representatives of the center in the technical and financial presentation resolution (287) for 2018 to equip the halls attached to the administrative building of the Institute of Research of arid lands.
- Chairman of the Committee for the Final Receipt of the Electricity for Housing Researchers from CEG Contracting and Power of Attorney Company by Executive Order No. (255) for 2012.
- Chairman of the Administrative Housing Committee for

members of the Research Authority and city workers for the year 2013

- Chairman of the committee that is formed to sell the olive crop by the special plant by executive order no. (388) for the year 2013.
- Chairman of the committee formed to develop the brochure of conditions and specifications for scientific devices and the estimated value by executive order no. (412) for the year 2014.
- The Chairman of the committee formed to develop the conditions booklet and to put the estimated value of the tender of printers of the Institute of Research and Arid Lands Dispute by executive order No. (129) for 2014.
- Chairman of the committee for the final receipt of the project for the construction and equipping of the power and air conditioning plant of the building of the Arid Land Agriculture Research Institute by executive order No. (446) for 2020.
- Representative of the Arid Land Agriculture Research Institute in the field of scientific consultations in the field of fruit.
- Participating in the development of the strategic plan for the structure of the Institute of Research on the cultivation of arid lands in the city as well as participating in the committees of tenders for scientific equipment and chemicals of the Institute.
- Member of the problem committee for crisis management in the city by resolution no. (109) for the year 2013.

- Member of the committee formed to test, study and arrange research projects funded by the Academy of Scientific Research and Technology and special to award master's and doctorate to graduate students in the city by resolution no. 23 for 2013.
- Member of the delegation sent from the Institute for Research of Arid Land Agriculture and Development to Oman during the period 26-29 April 2010 to discuss the details of ways of cooperation and present research and develop a plan for joint cooperation according to the areas available between the Omani Ministry of Agriculture and the Institute.
- Supervisor of the members of the research body assisted in the department of plant production - Institute of research and arid land scarecrow.

Extra-curriculum Activities

Conferences, seminars and workshops organized and participated in:

- Complete the workshop entitled:” Internet basics” held from 12th – 25th, January 2004, National Research Centre, Cairo.
- Complete the workshop entitled:” Estimating and separating important enzymes for the food industry from plant, microbiological and animal sources and their relationship to genetic engineering” held on January 2004, National Research Centre, Cairo.
- Organizing a Symposium entitled:” Development of health and

environmental awareness in rural communities” held from 27th – 28th June 2004, National Research Centre, Cairo.

- Participate as a lecturer and instructor of practical work entitled:” Citrus productivity in Egypt to increase exports” in 10th December 2006, National Research Centre, Cairo.
- Participate as a lecturer and instructor of practical work entitled: " The impact of some horticultural transactions on the productivity and quality of mango fruits " in 11th November 2007, National Research Centre, Cairo.
- Attend a conference First Nile Delta to improve and protect Egyptian export crops, held from 30th – 31st March 2009, at Menoufya University
- Participating in the conference on “Improving and protecting Egyptian export crops “held from 30th – 31st March 2009, Faculty of Agriculture, Menoufia University, Egypt.
- Attend the workshop in “Recent trends in comprehensive quality management” held from 11th – 13th October, 2009. In Mubarak city for scientific research and technology applications, Alexandria, Egypt
- Attend the workshop on quality and environmental management held from 4th – 5th August, 2010, in Mubarak city for scientific research and technology applications, Alexandria, Egypt.
- Attend a conference in bio-processing and application of

microbial biotechnology in agriculture held from 1st - 3rd November, 2010, National Research Centre, Egypt.

- Attended the workshop entitled: “environment & bio-agriculture” held from 2nd – 3rd April, 2012, at the NRC in collaboration with Agriculture Research Centre, faculty of agriculture, Cairo university.
- Participating in Alexandria International cotton conference held from 17th – 18th April 2012, Faculty of Agriculture, Alexandria university.
- Training in occupational safety and health administration held from 23rd – 26th April 2012, Faculty of Agriculture, Alexandria university.
- Complete the 30-hour OSHA general industry safety & health held from 24th – 26th April 2012, Arab association for health & safety experts and professionals.
- Attended the conference entitled: Algae between its reality and its economic, agricultural and industrial importance in the world and Egypt - 17th July 2012, EDTTA.
- Participating in a Training Workshop under the Title of “Bioassays of Medical Plants” held from 2nd – 11th September, 2012, Genetic Engineering and Biotechnology Research Institute, Egypt.
- Participate in the 1st international water biotech conference on “biotechnology for Africa’s sustainable water supply” held from

9th – 11th October, 2012, in NRC, Cairo, Egypt. Coordination and teaching a workshop on wastewater reuse in agriculture in 6th November, 2012 held parallel with the annual international conference under the title of “challenges facing health” from 7th- 8th November, 2012, in the high institute of public health, Alexandria, Egypt.

- Attend the 10th international conference of Egyptian soil science society, 4th international conference of on-farm irrigation and agroclimatology, under the title of “towards optimal utilization of soil and water technologies” held from 5th – 8th November, 2012, Ameria, Alexandria, Egypt.
- Attend a workshop on bio-fuel production held on 3rd February, 2013, in the city of Scientific research and technological applications in cooperation with YONSEI university.
- Attend the workshop on knowledge and culture of ISO, 9th April, 2013, in Mubarak city for scientific research and technology applications, Alexandria, Egypt.
- Participating in training of trainers on cultivation and development of *Jatropha Curcas* held from 20th – 22nd May, 2013, in the city of Scientific research and technological applications, Alexandria, Egypt. Under the framework of Jatromed project co-funded by European commission and the partner countries.
- Attend the first international conference “food and agriculture:

new approaches” held from 2nd – 4th December, 2013, National Research Centre, Egypt.

- Organizing a Symposium on “SurPASS Electrokinetic Analyzer” 30th April 2014, National Research Center, Cairo, Egypt.
- Organizing the workshop on “Data analysis and modeling using CoStat statistical software” 1st December 2014, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Attend the 1st mycotoxins workshop on “modern detection of mycotoxins in food and feed” 10th February 2015, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Organizing the workshop on “Moringa, its food and medical importance” in 11th May 2015, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Attended workshop intitled:” Planting NOQL trees in Sinai and the Suez Canal axis to reach self-sufficiency” held in 14th, June 2015, at National Research Centre, Cairo, Egypt.
- Organizing the workshop on “hydroponics, introduction and applications by using different types of water” in 22nd December 2015, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Organizing the workshop on “Climate change and agriculture

sectors: impacts, vulnerability and adaptation” in 25th May 2016, Alexandria Research Center for Adaptation, Alexandria, Egypt. Participate in **الملتقى الدولي الثاني للمناخ والمياه** entitled:” Scientific research and sustainable development of water resources in Egypt "held from 23rd -24th November 2016, Damanhour university, Egypt.

- Attend the workshop on research ethics: basics and principles in 29th March 2016, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Participating in the workshop entitled: “Nutritional and therapeutic uses of honey bee product”, in 27th March 2017, Faculty of Agriculture, Menoufia University, Egypt.
- Organizing the workshop on “towards a good research” in 15th May 2017, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Organizing the workshop on “towards a good research” 4th June 2017, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Participate as a lecturer and instructor of practical work entitled: “The role of modern technology in reclamation and developing arid lands” held from 27th January - 7th February 2019, City of Scientific Research and Technological Applications, Alexandria, Egypt.

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| | <p><u>Membership of scientific societies</u></p> <ul style="list-style-type: none"> • Member of the Farmers' Association for Rural Development. • Member of the Egyptian Association for development and technology transfer. • Member of the Arab Biotechnology Association . • Member of the Arab Society for Materials Sciences. • Member of the Egyptian Society for the Welfare of Scientific Research since 2013. • Member of the Arab Environment Association and a participant in the Council of Sages of Sustainable Development in the Mariot sector. • Member of the Society for the Development of Clean Agriculture Systems. • Member of the Water Technology Association . |
| <p>LIST OF PUBLICATIONS</p> | <ul style="list-style-type: none"> - <u>Mohamed H. El-Sheikh</u>, Elham Z. Abd El-Motty and Susan A.A. Hasabo (2006). Effect of Two Organic Amendments, Elemental Sulphur, Bionema and Carbofuran Soil Application to Control Root-Knot Nematode on Growth and Productivity of Thompson Seedless Grapes. Egypt. American-Eurasian J. Agric & Environ Sci,1 (3):191-197. - Elham Z. Abd El-Motty, <u>Mohamed H. El-Shiekh</u>, Mohamed F.M. and Shahin, M.I.F. Fawzy (2007). Effect of Preharvest |

Calcium and Boric Acid Treatments on Characteristics and Storability of "Canino" Apricot Fruits. Egypt. Research Journal of Agriculture and Biological Sciences, 3(5): 430-439.

- Mohamed F.M. Sahain, Elham Z. Abd El Motty, **Mohamed H.El-Shiekh** and Laila. F. Hagagg (2007). Effect of Some Bio stimulant on Growth and fruiting of Anna Apple Trees In Newly Reclaimed Areas. Egypt. Research Journal of Agriculture and Biological Sciences, 3(5): 422-429.
- **Mohamed H. El Sheikh**, Nagwa S. Zaeid and Salwa A. Khafagy (2007). Improving Washington Navel Orange Trees Productivity by Foliar Spray with Calcium Chloride, Calcium Nitrate and Calcium Chelate. Egypt. CATRINA. 2 (1):5 -49.
- Saleh, M.M.S., M.E. Ashour, **M.H. El-Sheikh** and M.A.A. El-Naggar. 2007. Foliar sprays of potassium dihydrogen phosphate and their impact on yield, fruit quality and controlling powdery mildew disease of Thompson seedless grapevines. Egypt. Am. Eurasian J. Agric. Environ. Sci., 2: 133-140.
- **M.H. El-Sheikh**, S.A.A. Khafagy and N.S. Zaied. 2007. Effect of Foliar Application with Some Micronutrients on Leaf Mineral Content, Yield and Fruit Quality of "Florida Prince and Desert Red" Peach Trees. Egypt. Research Journal of Agriculture and Biological Sciences, 3(4): 309-315.
- **El-Sheikh, M. H.** and A. A. Fouad (2008). Effect of Glutathione

and Uniconazole Sprays On Leaf Nutrients Content, Yield And Fruit Quality Of Banati Pomegranate Trees. Egypt. Egypt. J. of Appl. Sci., 23(2B).

- **El-Sheikh, M. H.** (2008). Effect of thinning by Soybean Oil and Gibberellic Acid on Regulating Cropping Balady Mandarin Trees. Egyptian J. of Applied Sci.
- Abdelaal,S., **Mohamed H. El- Sheikh**, H.S.A, Hassan, Kabil, S.S. 2010. Microbial bio- fertilization approaches to improve yield and quality of Washington navel orange and reducing the survival of nematode in the soil. J Amer. Sci. 6(12): 264.
- Elham Z. Abd El- Motty, Mohamed F. M. Shahin, **Mohamed H. El- Sheikh**, Mahmoud M.M. Abd— El- Migeed. 2010. Effect of algae extract and yeast application on growth, nutrition status, yield and fruit quality of Keitt mango trees. Agri Biol J. N. Am. 1(3): 421-29.
- MS Abourayya, NE Kassim, **MH El-Sheikh**, AM Rakha (2011). Comparative study between inflorescences characteristics, pollen viability, germination and dimensions of Tommy Atkins, Kent and Keitt mango cultivars. Egypt. Life Sci. J 8 (1), 100-105.
- Abourayya, M.S., N.E. Kassim, **Mohamed H. El- Sheikh**, A. M., Rakha. 2011. Fruit physical and chemical characteristics at maturity stage of Tommy Atkins, Kcitt and Kent mango cultivars grown under Nubariya conditions. J Amete, Sci. 7(3): 228- 33.

- Sarrwy, S.M.A, **Mohamed H. El Sheikh**, S. Sanaa Kabil, Abelaal Shamseldin. 2012. Effect of foliar application of different potassium forms supported by zinc on leaf mineral contents, yield and fruit quality of "Balady" mandarin trees. Mid-East J Sci. Res. 12(4): 490- 4.
- Kabeil, S., **Mohamed H. El-Sheikh**, Elsabagh, A. Aboulenein, A. 2012. Performance of "Le Conte" pear trees in response to biological control of fire blight disease. J App. Sci. Res. 8(8): 4511-24.
- MS Abourayya, NE Kassim, **MH El-Sheikh**, AM Rakha (2012). Evaluation of vegetative growth of Tomy Atkins, Kent and Keitt mango cultivars grown under Nubariya conditions. Egypt. Journal of Applied Sciences Research, 887-895.
- Sanaa I. Milad, M. N. El-Banna, **M. H. El-Sheikh**, M. E. Ebaid (2013). Effect of genotypes and medium protocols on callus formation and plant regeneration from mature embryos of Egyptian wheat (*Triticum aestivum* L.) varieties. Egypt. J. Adv. Agric. Res 18 (4), 874-889.
- Sanaa I. Milad, El-Banna M. N. and **El-Sheikh, M.H.** (2013). Effect of Genotypes and Medium Protocols on Callus Formation and Plant Regeneration from Mature Embryos of Egyptian Wheat (*Triticum stivum* L.) Varities. J. Adv. Agric. Res. 18 (4), 874-889.
- **Mohamed H. ElSheikh**, Sanaa S. Kabil, Hoda F. Zahran and

Ahmed S. Elsabagh. 2014. Vegetative Growth, Leaf Mineral Contents and Enzymatic Activity of Two Olive Cultivars in Response to Irrigation with Agricultural Drainage Water. World Appl Sci J. 30 (4): 413-419.

- **Mohamed H. El-Sheikh**, M.M.M. Abd El-Migeed and M.M.S. Saleh (2014). Effect of Some Bagging Types under Different Conditions of Cold Temperature on Storability of Lime Fruits. Egypt. World Applied Sciences Journal 30 (4): 395-401.
- **Mohamed H. El Sheikh**, AbdAllah, A. S. and Elsabagh, A. S. (2014). Morphological characterization and genetic analysis by using RAPD and ISSR markers of some olive cultivars grown in Egypt. World Appl Sci J. 30 (4): 420- 427.
- **Mohamed H. El Sheikh**, Abd El-Motty, E.Z., Elsabagh, A. S. and Yassin, R. (2014). Fruit properties and molecular characterization using ISSR markers of six Libyan date palm cultivars. Res J Agri and Biol Sci., 10 (1): 47-52.
- A.A. Sobhy El Sohaimy, **H. Mohamed El- Sheikh**, M. Taha Refaay and A.M. Mohamed Zaytoun, 2016. Effect of Harvesting in Different Ripening Stages on Olive (*Olea europea*) Oil Quality. Egypt. American Journal of Food Technology, 11: 1-11.
- **Mohamed Elsheikh**, M. H. Ibrahim M. H., A.Y. Ragab and A.M. Ibrahim. 2016. Effect of some Antioxidants on water use

efficiency, growth and yield of Faba Bean cultivar in newly reclaimed soil. *Midd East.J. Agri. Res.* 5 (3).

- Abd El-Hameed, M.M Wassel; Faissal F. Ahmed; **Mohamed H. E El-Sheikh** and Waleed M. E. F. Mohamed (2017). Trials for Alleviating the Adveres Effects of Soil and Water Salinity on Growth and Tree Nutritional Status of Picual Olive Trees. *Egypt. New York Science Journal* 2017;10(11).
- **Mohamed H. El-Sheikh** and Hoda F. Zahran. 2017. Effect of chilling accumulation on fruit yield of olive trees in Egypt. *International Journal of Environmental and Ecological Engineering.* 4(6).
- El-Hameed, Abd & Wassel, M & Faissal, & Ahmed, F & **El-Sheikh, Mohamed** & Fekry, Waleed & Abd,. (2017). *Egypt. Using Amino Acids, Silicon, Selenium, Humic Acid and Em for Counteracting the Inferior Effects of Salinity on Fruiting of Picual Olive Tress.* 10.13140/RG.2.2.18096.61447.
- Karim M. Farag; Neven M.N. Nagy; **M. H. Elsheikh**; H. S. Abada (2018). Reducing cracking and enhancing coloration and quality of wonderful pomegranates cultivar by safe treatments. *Egypt. Zagazig J. Agric. Res.*, Vol. 45 No. (4).
- Khalief, Z., Zahran, H.F. and **ElSheikh, M.H.** 2018. Economic analysis of the effect of climate change on yield of wheat crop in Egypt: Case study temperature change. *Bioscience Research.* 15.

1845-1851.

- El-Hameed, Abd & Wassel, M & Faissal, & Ahmed, F & **El-Sheikh, Mohamed** & Fekry, Waleed & Abd,. (2017). Egypt. Using Amino Acids, Silicon, Selenium, Humic Acid and Em for Counteracting the Inferior Effects of Salinity on Fruiting of Picual Olive Trees. 10.13140/RG.2.2.18096.61447.
- Allam, A.M., Mohamed, M. K., Zahran, H. F., **El-Sheikh, M. H.** (2018). Agricultural wastes as a potent adsorbing agent for some organic pollutants from aqueous solutions. Bioscience Research, 15(3):1826-1831.
- Zainab S. El-khalifa, **Mohamed H. ElSheikh** and Hoda Farouk Zahran. 2020. Evaluation of chilling hours effect on some fruit crops yield in Egyptian lands. Plant Archives. 20 (2): 9491- 9504.
- **Mohamed H. El-Sheikh**, Rehab Y. Ghareeb , Amira A. Ibrahim and Elsayed E. Hafez (2020). Genetic diversity among *Juglans regia* and *Prunus dulcis* genotypes using RAPD and ISSR molecular markers. 20 (2): 9693- 9700.
- Walaa Y. M. El-Khozami, **Mohamed H. El-Sheikh**, Mohamed R. El-Aassar, Ali A.A. Gabal and Ali I. A. Abido (2021). Vegetative growth performance of potato as influenced by Vesicular Arbuscular Mycorrhiza (VAM) spores, yeast and molasses addition method. Middle East of Agriculture Research, 11(2).