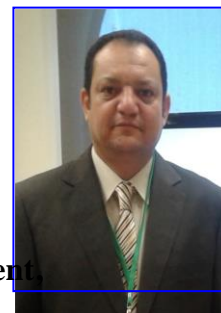


Personal Information

Hesham Sayed Tawfiek Ghazzawy, Ph.D. –

- + Nationality: Egyptian.
- + Date of Birth: 19 August 1970.
- + Position: Assistant Professor.
- + Affiliation: Central Laboratory for Date Palm Research and Development,
Agriculture Research Center (ARC), Giza, Egypt.
- + Tel.: +966543637619; 00201007676195; 0021115503737.
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*Academic Qualifications:

2010: Ph.D. in Agriculture,

- + Faculty of Agriculture, Banha University with excellent grade,
- + Major Field: Pomology,
- + Minor Field: Agriculture Operation of Date Palm.
- + Doctoral Dissertation Title: “Studies on Date Palm”.

2005: M.Sc. in Agriculture,

- + Faculty of Agriculture, Cairo University with excellent grade,
- + Major Field: Pomology,
- + Minor Field: Agriculture Operation of Date Palm (thinning and improving)
- + Master Thesis Title: “Effect of NAA and GA₃ on Fruit Setting and Fruit Characteristics of Samany and Zaghloul Date palm Cultivars”.

1993: B.Sc. in Faculty of Agriculture, Cairo University (Horticulture) with good grade,
Cairo University, Faculty of Agriculture, Cairo-Egypt.

*Career:

2015- Up till now: Research in Excellent Research Center of Date Palm, King Faisal
University, Saudi Arabia.

- Specification: Biotechnology, Horticulture.

2014-2015: Research in Central Laboratory for Date Palm Research and Development,
Agriculture Research Center (ARC), Egypt.

**2012-2014: Research in Biotechnology Department- College of Agricultural & Food Sciences
King Faisal University, Saudi Arabia.**

**2010-2012: Research in Central Laboratory for Date Palm Research and Development,
Agriculture Research Center (ARC), Egypt.**

**2005-2010: Researcher Associated in Central Laboratory for Date Palm Research and
Development, Agriculture.**

**2000-2005: Associated Researcher in Central Laboratory for Date Palm Research and
Development, Agriculture.**

- Specification: Biotechnology, Horticulture.

**1996-2000: Agricultural Development Systems Project (ADSP), Cairo University, Tissue culture
Filed: several type of plants, date palm, banana, vegetative plants and ornamental
Propagation Through tissue culture techniques.**

1995-1996: Technical office in landscaping Company.

*** Training:**

26.10.2011-22.12.2011: “Food safety techniques-” China-Fuzhou.

**5.06.2011-12.06.2011: “postharvest New techniques for Date Palm Fruits” Cairo-AOAD (Arab
Organization for Agricultural Development (AOAD)).**

10.06.2010-17.06.2010: “Isso development” Jordon- Amman.

**15.05.2009-12.06.2009: “Agricultural sustainability of the basin countries of the
Mediterranean” di Bari, via network, 19/A – Italy.**

4.04.2008-12.08.2008: “Thesis writing” in Faculty of Agriculture, Cairo University”

**24.06.2007-27.06.2007: “(Bio) Monitoring of Contaminated Soils” Summer School, Parco
Technologic Padano di LODI-Milano-Italy, via network.**

10.04.2006-17.04.2006: “First Date Palm Conference”.

**10.07.2006-14.07.2006: “Analysis of Soil and Water for Agriculture purposes”
Specialized training course, CIHEAM- Bari-Italy, via network.**

**03.07.2006-07.07.2006: “Physic-Chemical Analysis of Water for Irrigation Use” Training
course, University of Bari and CIHEAM- Bari-Italy, via Network.**

06.08.2005-10.08.2005: “Scientific and Technical Writing” specialized advanced course,

National Water Research Center, El-Kanater, Kalyebya, Egypt.

10.06.2001-23.06.2001: “Water Pollution Control: Water Quality Assessment and Management” specialized advanced short course, National Water Research Center of Egypt and the Mediterranean Agronomic Institute of Bari, Italy (CIHEAM-MAIB), at 6th October city-Egypt.

Research interests are focused on the Biotechnology (Tissue culture) and Date Palm studies, more precisely:

- ✚ Tissue culture Technique to produce plants;
- ✚ Studies in Date Palm tree on Palm Service like Fertilization with different treatments and
- ✚ Irrigation with new different methods;
- ✚ Chemical and Physical Studies on Date Palm fruits;
- ✚ Postharvest studies on Date Palm fruits to enhance ability for marketing;
- ✚ Studies on Reed Palm Weevil;
- ✚ Cultivation new varieties of Date Palm.

GERMPLASM COLLECTION SKILLS

- ✚ Collection & detection of the Date Palm- Agriculture research Centre, Ministry of Agriculture.
- ✚ Collection of Banana of Egypt- Collaboration with INIBAP and FAO;
- ✚ Taxonomy and description of date palm in Egypt - Agriculture research Centre, Ministry of Agriculture;
- ✚ Description and classification of Egyptian gardens- Ministry of Agriculture.
- ✚ Spectrophotometer diploma - Agriculture research Centre, Ministry of Agriculture.

الاهتمامات البحثية:

- Agriculture Operation of Date Palm (Horticulture, open field, Tissue culture):
 - Plantation & Gene bank.
 - Pollination.
 - Manual and chemical thinning fruits.
 - Fertilization (Models).
 - Postharvest (Packing)
 - Establishing tissue culture plants.

Publications:

- 1- **Ghazzawy, H.S, Bakr; E.L, El-Kosary and A.El-Bana (2005)**. Effect of NAA on fruit quality of Samany and Zaghloul Date Palm cultivars. *Journal of Agriculture Research. Mansoura University*, Vol. 12 No. (24).
- 2- **Bakr, E.L, El-Kosary; El-Bana. A. and Ghazzawy, H.S (2007)**. Effect of NAA on fruit setting, bunch weight and fruit characteristics of Samany and Zaghloul Date Palm cultivars. *The fourth symposium on Date Palm, King Faisal, Al Hassa, 5-8 May, 2007*. Vol.1, pp: 361-380.
- 3- **Ghazzawy, H.S; M.M, Khamis, M.M, Sharf and A.El-Bana (2010)**. Effect of pollen grain sources on yield and quality on Zaghloul and Siwi Cvs. *Journal of Agriculture Research.*, Vol.22 No. (12).
- 4- **Ghazzawy, H.S; Bakr, E.L, El-Kosary and A.El-Bana (2011)**. Effect of Gibberellic acid on fruit quality of Samany and Zaghloul Date Palm cultivars. *Proceedings of the first international scientific conference for the development of Date Palm and Dates sector in the Arab World, National Center for Agricultural Technologies, Riyadh,4-7 December 2011*,pp.75-82.
- 5- **Ghazzawy, H.S; and M.Abdel Rasul (2011)**. Anatomical studies on fruits of Samany and Zaghloul palm cultivars as affected by different concentrations of ethephon and cytophex. *Egypt. J. of Appl. Sci.*, 26 (7) 2011, pp 219-228.
- 6- **Ghazzawy, H.S; M. Abdul Rasul and K. El-Shaarawy (2013)**: Effect of Natural Extraction Mix On Controlling Of Date Palm Contamination During Tissue Culture Micro propagation Stages. *Egypt. J. of Appl. Sci.*, 28 (12) 2013, PP. 783-789.
- 7- **Wael F. Shehata; Saleh M. Alturki; Mohammed I. Aldaj and Ghazzawy, H.S (2014)**: Effect of Ammonium Nitrate on Antioxidants Production of Date Palm (*Phoenix dactylifera L.*) in vitro. *Biotechnology* 13(3):116-125, 2014.
- 8- **Gehan A. M. El-Hadidy; Samar A. M. Shaarawi and Ghazzawy, H.S (2015)**: Effect of Some Treatments on Fruits Quality of Dates Palm CV."Om El-Ferakh" During Cold Storage. *Egyptian Journal of Horticulture, International Symposium of Horticulture Institute* (15-18/2015), Giza, Cairo..
- 9- **Al-Khateeb, A. A and Ghazzawy, H.S (2015)**: Influence of Polyethylene Glycol and Gibberellin on Somatic Embryogenesis of Date Palm (*Phoenix dactylifera L.*) cv Suckary *Journal of Global Biosciences*, ISSN 2320-1355, Volume 4, Number 6, 2015, pp. 2446-2451.
- 10- الملحم، الهباب، غزاوي (٢٠١٥): كتاب مؤشرات قطاع النخيل والتمور ودور الاقتصاد الحيوي بالمملكة العربية السعودية -كرسي اقتصاديات النخيل والتمور ومشتقاتها-مركز التميز البحثي في النخيل والتمور -جامعة الملك فيصل.

- Under preparation:-

- Palm Pollen Extracts as Plant Growth Substances for improving Date Palm fruits properties as a Comparison in Egypt and Saudi Arabia region. (Under press).
- Establishment of callus tissue and effect of growth regulators on production of sterol in Date Palm Cultivars (Under press).
- Evaluation of quality and storability of “Siwi” date palm cultivar in different production areas (Under press).
- Effect of xenia and metaxnia on Some Saudi Date Palm fruits.

****Research under study:**

- 1- Effects of Some treatments with different methods of packing fruits Date Palm to Improve Fruit physical, Chemical Characteristics and Storage ability of Barhee, Samany and Sewi Date Palm Cultivar.
- 2- Improve the composition of somatic embryos palm osmotic stress for Khalas Date Palm Variety in Saudi Arabia.
- 3- Establishment of callus tissue and effect of growth regulators on production of sterol in Date Palm cultivars.
- 4- Palm Pollen Extracts as Plant Growth Substances for improving Date Palm fruits properties as a comparison in Egypt and Saudia Arabia region.

- نشرات تحت الطباعة:

نشرة خدمة أشجار النخيل بالمملكة العربية السعودية واقتصاديتها.

• Research Projects:

- 2015-Now: Researcher in (EDPC) Economics of Date Palm Chair (King Faisal University).
- 2013-2015: Member in KFU project in Strawberry (Regeneration of Strawberry in Saudia Arabia).
- 2012-2013: Member in KFU project in Date Palm (Improve the composition of somatic embryos palm osmotic stress for Khalas Date Palm variety in Saudia Arabia).
- 2005-2010: Working as researcher in GRPE project as Specialist in Date Palm crop to evaluate the Different varieties in all Egypt.
- 2001-2012: a- Member of the Technology Unit palm.

- b- Official interview farmers.
- c- Responsible for production plants date.

Training courses:

- (1 -2) March, 2016: Using Electronic Sources on the Internet -Deanship of Academic Development, KFU, Saudi Arabia.
- (6, 7) March, 2016: Reference Management Using Reworks -Deanship of Academic Development, KFU, Saudi Arabia.
- (8, 9) March, 2016: Quantitative research (SPSS)-Advanced -Deanship of Academic Development, KFU, Saudi Arabia.
- (10, 11) March, 2016: Supervising Theses In Higher Education Stage -Deanship Of Academic Development, KFU, Saudi Arabia.
- (22, 23) March, 2016: Research Documentation Using APA Style-Deanship of Academic Development, KFU, Saudi Arabia.
- (27, 28) March, 2016: Using Scientific Networks For Rising KFU Rank Deanship of Academic Development, KFU, Saudi Arabia.
- (12, 13) April, 2016: Enzyme Linked Immunosorbent Assay (ELISA) Techniques-Deanship of Academic Development, KFU, Saudi Arabia.
- (26, 27) April, 2016: Competitive Research Proposals -Deanship of Academic Development, KFU, Saudi Arabia.

ورش العمل:

- الملتقى الارشادي الاول لتحسين جودة التمور-هيئة الري والصرف-الاحساء-المملكة العربية السعودية ١٢ رجب ١٤٣٧ هـ.
- دراسة مقترح تحويل مركز التمييز البحثي في النخيل والتمور لمعهد متخصص في أبحاث النخيل والتمور-جامعة الملك فيصل-المملكة العربية السعودية ٢٢ مارس ٢٠١٦ م.
- بحيرة الاصفر بين الواقع والمأمول-مركز الدراسات المائية-جامعة الملك فيصل-المملكة العربية السعودية ٢٩ مارس ٢٠١٦ م.
- الكشف عن الاقتباس العلمي-عمادة البحث العلمي-جامعة الملك فيصل-المملكة العربية السعودية ٥ ابريل ٢٠١٦ م.

⇒ **Computer Skills:**

Computer/Application/Software	
Word	V. good
Excel	V. good
ICDL "International Computer Driving License"	V. good
Photoshop	V. good
Statistical SPSS-SAS	V. good
Power point	V. good
English written	V. good
English spoken	V. good
MS-Office 97, 2000, XP, 2003 and 2007	V. good
Searching internet web sites.	V. good
Arabic spoken	V. good