



Benha University
Faculty of Agriculture
Dept. Plant protection



CURRICULUM VITAE

BIOGRAPHY

Full Name	Safaa Mahmoud Mohamed Youssef Halawa
Date & Place Of Birth	10/2/1969 Egypt
Nationality	Egyptian
Marital Status	Married with four children
Occupation	Professor of plant protection (pesticides)
Languages	Arabic (mother language) English : very good
Postal Address	Dept. of plant protection , college of Agriculture, Moshtohor, Benha, Egypt
E-mail address	Safa.halawa@fagr.bu.edu.eg
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Education	<p>Ph.D. " Studies on the use of some plant extracts as factors in pest management (pesticides.2001) Plant Protection Department , Faculty of Agriculture in Moshtohor , (Benha Branch) Zagazig University</p> <p>M.Sc. Studies on soil mites and plant parasitic nematodes (Zoology1995) Plant Protection Department , Faculty of Agriculture in Moshtohor , (Benha Branch) Zagazig University</p> <p>B.SC. (Plant protection, 1990) Zagazig University (Benha Branch) in Faculty of Agriculture at Moshtohor.</p>
Scientific tasks	a scientific mission to JFB-Institut of Zoologie, Abt. Neurobiologie, Georg-August-Universität Göttingen, Germany in the period from 3/12/2007 until 1/9/2008
Member of	Annals of Agric. Sc., Moshtohor The Egyptian Society and Toxicology Egyptian Journal of Biological Pest Control Egyptian Experimental Biological Sciences
Experience	Research: in the area of plant protection and pesticides toxicology .
Academic	<p>Teaching the following courses: toxicology of pesticides-analysis of pesticides- insect biology-scientific research methods-bioassay-insect physiology-agriculture environmental pollution-integrated pest management-economic entomology- new approach of pest control – pesticides biotechnology- pest control biotechnology- integrated pest management.</p> <p>Published 28 Scientific Papers in the area of plant protection and pesticides toxicology</p> <p>Supervising 30 graduate students for M.Sc. and Ph.D. degrees.</p>
Employment	- Demonstrator, in the Department of plant protection and, Faculty of

history	<p>Agriculture, Zagazig University Benha Branch (1990- 1995).</p> <ul style="list-style-type: none"> - Assistant lecturer, in the Department of plant protection, Faculty of Agriculture, Zagazig University Benha Branch (1995- 2001). - Lecturer, Faculty of Agriculture, Zagazig University Benha Branch (2001- 2007). - Assistant Professor,(Pesticide) Faculty of Agriculture, Benha University (2007- 2014). - Professor of Pesticides. Faculty of Agriculture, Benha University (2014). - Head of Plant protection Departement Faculty of Agriculture, Benha University (2018 until now)
Published books internationally	<ol style="list-style-type: none"> 1- Foundations of pest control 2- Spray and fogging technology 3- Public health pests and their control
works of construction and applied research projects in the scientific field:	<ol style="list-style-type: none"> 1. Create pesticide plant section and scalability 2. Participation in the creation of a biological laboratory insects department 3. member of the research team within the national project for post-harvest pests 4 - Member of the research team for the project National combat diseases and pests of honeybees. <p>Student activity within the college:</p> <ol style="list-style-type: none"> 1. supervision of several scientific trips for students in the field of specialization
Computer Skills	<p>Operating Systems, Word Processing, Power point, Internet. ICDL International Computer Driving License Statistical package: MSTATC and SPSS. Ldp line program .</p>
Conferences and Workshops	<p>Attended twenty conferences and workshops in the area of plant protection and pesticides toxicology.</p>
Other Activities	<ul style="list-style-type: none"> - Attending seven training modules at the FLDC in Benha University concerning Ethics, Scientific Research, Teaching Aids, Technology in Teaching, International Publishing and Preparing Project Proposals. - Participating in the activities of the Quality Assurance Unit in the faculty of Agriculture Benha University: CIQAP project, Course specification and report, strategic planning, Student assessment, academic advisor, and academic standards. - Coordinator of M.Sc. academic program (plant protection). - Member of the Strategic Planning Team in the Faculty of Agriculture, Moshtohor - member of Biotechnology lab (MSE) in the Faculty of Agriculture, Moshtohor (Code, CEP2-026-BEN). - Participating in different student activities in the faculty.

List of Publications

1. Gaaboub, I. and Halawa, S. (2003) Oviposition Deterrent In Larval Frass of *Spodoptera littoralis* (Boisd.) First International Egyptian – Romanian Conference (101-116)

2. Ibrahim Gaaboub, Ahmed F. El-Aswad and **Safaa Halawa**. (2005) Kinetic Investigation Into The Interaction Of Chlorpyrifos And Thiodicarb With Acetylcholinesterase Activity From Some Harmful And Beneficial Insects. *J. Egypt. Soc. Toxicol.*(Vol. 33: 71-78
3. Ibrahim Gaaboub and **Safaa Halawa**. (2005) Feeding deterrent and growth inhibitory properties of larval frass against *spodoptera littoralis* (boisd.) *J. Egypt. Soc. Toxicol.* (Vol. 33: 111-117 2005
4. Ibrahim Gaaboub, **Safaa Halawa**, Ahmed F. El-Aswad and Enas, M. Khamis (2005) Feeding deterrent and growth inhibitory properties of *Neotorularia aculeolata* against the cotton leaf worm, *Spodoptera littoralis* (Boisd.). *Egypt. J. Agric. Res.* 83 (3), 973-986.
5. **Halawa, Safaa M** (2006) Evaluation of some plant extracts to control the pink stem borer *Sesamia cretica* (Led.).*Annals of Agric. Sc.*, Moshtohor, 44 (4):1931 -1946, (2006)
6. **Safaa Halawa**, Ibrahim Gaaboub, Abir A. Gad and Ahmed F El –Aswad. (2007) , Effect of some insecticides on the haemolymph of desert locust *schistocerca gregaria* forskal *J. Egypt. Soc. Toxicol.* (Vol. 36: 61-66 Jan. 2007)
7. **Halawa, Safaa.M**; Kamel, A.M and Abd El-Hamid, S.R (2007) Chemical constituents of jojoba oil and insecticidal activity against *schistocerca gregaria* and biochemical effect on albino rats *J. Egypt. Soc. Toxicol.* (Vol. 36: 77-87 Jan. 2007)
8. **Halawa, Safaa M.**; El-kholy, M.Y.; and Abd El-Zaher, Tahany R.(2007) Evaluation of Entomopathogenic Nematodes, A Commercial Bacterial Bioinsecticides and the Peppermint Oil for Control the Pink Stem Borer *Sesamia cretica* Led. *Egyptian journal of Biological Pest Control*, 17(1), 2007, 1-13
9. Shaheen, I.A.A., Gaaboub, I.A. and **Halawa, S.(2010)** Determination and removal of Lambda-cyhalothrin residues after Tomato field spraying for *Bemisia tabaci* (Genn) control. *J. Egypt. Soc. Toxicol.* (Vol. 41: 65-71 Jan. 2010).
10. Alm EL-Din M. M. S.; **Halawa, S.M.**; EL-Naggar, S. E. M.; EL-khaiat, E.F. AND Sliem, T. M (2011) Effect of gamma irradiation on the mating activity and mating competitiveness of the black cut worm, *agrotis ipsilon* (hufn.)

(lepidoptera: noctuidae) Isotope and Radiation research Volume 43 No.(3), 839-854.

11. Ibrahim Gaaboub, **Safaa Halawa** and Aly Rabiha (2012) Toxicity and Biological Effects of Some Insecticides, IGRs and Jojoba oil on Cotton Leafworm *Spodoptera littoralis* (Boisd.) Journal of Applied Sciences Research,8(10):5161-5168
http://www.aensiweb.com/jasr/JASR_October_2012.html
12. Mohamed M. Abdel-Daim, Said M. M. Abuzead and **Safaa M. Halawa**(2013) Protective Role of *Spirulina platensis* against Acute Deltamethrin-Induced Toxicity in Rats. PLoS ONE 8(9): e72991.
www.plosone.org/.../info%3Adoi%2F10.1371%2Fjournal.pone.0072991
13. **Safaa M. Halawa** and Reinhold Hustert (2013) Neural activity of a locust ganglion is impaired by limonene and lovage (*Levisticum officinale*) extracts. Science Alert Journal of Entomology
<http://scialert.net/onlinefirst.php?issn=1812-5670>
14. **Safaa M. Halawa**, Rasha A.A. El-Hosary, A.M.Z. Mosallam,E.F. El-Khayat and Maha M.S. Ismail (2013) Toxicological, Biological and Biochemical Effects of Certain Insecticides on *Bactrocera zonata* (Saunders) (Diptera, Tephritidae) American-Eurasian Journal of Toxicological Sciences 5 (3): 55-65, 2013 [www.idosi.org/aejts/5\(3\)13/1.pdf](http://www.idosi.org/aejts/5(3)13/1.pdf)
15. Kreema A. EL-Lebody , **Safaa M. Halawa** and Dina A. Ahmed (2013) Laboratory and Field Evaluations of Two Biocides and an Insecticide Against *Pectinophora gossypiella* (Saund.) (Lepidoptera : Gelechiidae) and *Earias insulana* (Boisd.) (Lepidoptera: Noctuidae) Research Journal of Agriculture and Biological Sciences, Vol. 9 No(6) Nov.-Dec., (2013)
16. Mohamed, M. Abdel-Daim & **Safaa M. Halawa** (2014) Synergistic epatocardioprotective and antioxidant effects of myrrh and ascorbic acid against diazinon-induced toxicity on rabbits . International Research Journal of Humanities, Engineering & Pharmaceutical Sciences. Year-4/Vol-I/Issue-7 (1:5) http://www.ijheps.org/current_issue.php?catid=PH
17. ¹Ibrahim Gaaboub, **Safaa Halawa**, Sawsan M. Abd Elhaleem, MetwalybKahtab and Ali Rabia Toxicity effect of some biocides and IGR

compounds on biological and biochemical aspects of *Spodoptera littoralis* (Boisd) (In pres)

18. **Safaa, M. Halawa** ; Darwish, A. ;EL-Lakwah, F. A. ; Emam, M. A. and Elgizawy, K. KH(2015).:Toxicity of carbon dioxide-phosphine combination to *tribolium castaneum* in stored wheat and histological effect on albino rats . (Annals of Agric. Sci., Moshtohor. vol. 53(3) (2015), 385–394
19. Hend M. Abdella, **Safaa M. Halawa** and Dalia E. El-Hefny (2015): Dissipation of Penconazole and Imidacloprid Residues in Squash Fruits under The Egyptian Field Conditions. Alexandria science exchange journal. Vol 36. 292-296
20. Adel A. Hafez, **Safaa M. Halawa** ; Salah M. M Gameel and Mahamed S. Mah-Moud. (2016): Determination of Spinetoram Residues degradation in Tomato Fruits Using High Performance Liquid Chromatography (HPLC) and QuECHERS Method. Egyptian Scientific Journal of Pesticides,2016; 2(3); 8-12
21. Jahel M. K., **Safaa M. Halawa**, Hafez A. A., Abd El-Zahar T. R. and Elgizawy K. Kh (2017): Comparative efficacy of different insecticides against whitefly, *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae) on Tomato Plants . Middle East Journal of Applied Sciences Volume : 07 : 786-793.
22. Shalaby, F Fawzy.; **Halawa Safaa M.**; Abdel-Aziz, A. Khidr; Manal M.Salem (2017): Comparative evaluation between the efficacy of *trichogramma evanescens* west integrated with mass trapping of pink bollworm *pectinophora gossypiella* (saund.)Male moths and insecticidal applications in cotton fields. Bull. ent. Soc.Egypt, Econ. Ser.,43, 65-78.
23. Khalil, Maha S., **Halawa, M. Safaa**, Azab, M.; Abouelkassem, Sh. and Morsy, M. R. Amany (2018): Efficacy of Some Nanoparticles against the Adults of Red Flour Beetle *Triboliumcastaneum* (Herbst) under Laboratory Conditions. Annals of Agric. Sci., Moshtohor. Vol. 57 (2).1-6.
24. El-Gizawy, K. KH. ; **Halawa, S. M.** and Mehany, A. L. (2018) Effect of Essential Oils of Clove and Dill Applied as an Insecticidal Contact and Fumigant to Control some Stored Product Insects. Arab Journal of Nuclear

Sciences and Application. Volume 51, Issue 4, October 2018, Page 81-88 :
https://ajnsa.journals.ekb.eg/article_12394.html

25. **Halawa, M., Safaa**; El-Khiat E.F, El-Hosary, A, Rasha; Ismail, Maha and Mosallam, AMZ. (2019): comparative toxicity of certain insecticides against two species of fruit flies. AMZ . J. Plant Prot. and Path., Mansoura Univ., Vol. 10 (5): 269 – 274. https://journals.ekb.eg/article_43187.html
26. El-Khayat, E. F, **Halawa, M. Safaa**; Saleh, H. A. and Zaghlol, S.A. Esmat. (2019): Susceptibility of soybean varieties to infestation of cotton leaf worm *Spodoptera littoralis* (Boisduval) (Lepidoptera: Noctuidae) and their relation to climatic factors with emphasis on leaves characteristic. Egypt. J. Plant Prot. Res. Inst., 2 (1): 113-122. <http://www.ejppri.eg.net/pdf/v2n1/12.pdf>
27. El-Khayat, E. F, **Halawa, M. Safaa**; Saleh, H. A. and Zaghlol, S.A. Esmat. (2020) : Population density of Soybean piercing sucking pests in relation to varieties, chlorophyll and some weather factors . J. of Plant Protection and Pathology, Mansoura Univ., Vol. 11 (2):115 – 119.
https://journals.ekb.eg/article_85988.html
28. Gomaa, I. Shaimaa ; **Halawa, M. Safaa** ; Shalaby, F. F. and Abdel-Hafez F. Hanan (2020): Toxicological and biochemical parameters of some microbial preparations on The cotton leafworm, *Spodoptera littoralis* (Boisd.) (Lepidoptera : Noctuidae) J. Plant Prot. Res. Inst., 3 (1): 204-2014

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