

Personal History

Dr. Alaa Massoud Heitawy Khozimy
Associate Professor of Pesticide Chemistry and Toxicity
Department of Plant Protection,
Faculty of Agriculture, Damanhour University
Damanhour, 22516, Egypt.

Email: dr.alaa.khozimy1977@gmail.com
alaa.masoud@agr.dmu.eg
dralaa1977@yahoo.com

Nationality: **Egyptian**
Date of Birth: **10/02/1977**
Marital Status: **Married and have three children**
Gender: **Male**
Cellular Telephone: **002 010 99217988**



Academic qualifications:

B.Sc. Agriculture Science "Chemistry of Pesticide ", 1999, Grade: Excellent.

M.Sc. Of Agriculture Science (Plant Protection Department "Pesticides"), Suez Canal University, Faculty of Agriculture, 2006.

M.Sc. Thesis:

The Role of Some Herbicides of Controlling Weeds and Their Side Effects on Peanut Crop

Ph.D. Department of Pest control and Environmental Protection, Faculty of Agriculture, Alexandria University. Damanhour.

Ph.D. Thesis:

The Role of Some Herbicides of Controlling Weeds and Allelopathic Effect and Their Side Effects on Rice Crop



Professional Training:

- Application of modern pest control techniques in rice insect pest control, Agriculture Research Center, Egypt, 2000. The training programme was meant to acquaint trainees with early warning techniques, infestation prediction, and the use of expert systems in insect pest control.
- Ornamental pest control in new reclaimed land, Agriculture Research Center, Egypt, 2001. The training programme was designed to address the special requirements of the mostly sand newly reclaimed land for sound pest control. Special emphases were given to weed identification and classification, weed control and crop hygiene.
- Micro pollutants Monitoring and Analysis, institute Univ. de Ciencia Tecnologia (IUCT), Barcelona, Spain, 2005. training programmer focused on the use of advanced analytical techniques in separating and identifying major organic micro pollutants. Training has special emphases to pesticides and industrial pollutants, and the use of HPLC as analytical tools. The training was part of a European sponsored capacity building protocol in the area of higher education, Tempus.
- A training course from Thermo Scientific during the period from 13 to 15 September 2015, which included the use of a high pressure liquid chromatography device (HPLC) and gas chromatography / mass spectrometer (GC-MS / MS)
- A training course from Thermo Scientific Company during the period from 14 to 16 March 2016, which included methods of analysis with high pressure liquid chromatography (HPLC) and gas chromatography / mass spectrometer (GC-MS / MS) Dubai - United Arab Emirates.
- A training course from Thermo Scientific during the period from 14 to 15 November 2017 which included training Annual Laboratory Software Conference Entitled: Preserve Data Integrity & Demonstrate Compliance Dubai - United Arab Emirates.



- Training course from Thermo Scientific Company during the period from 25 to 29 March 2018, which included training Has Attended the Admin User Training For Sample Manager – LIMS- Dubai United Arab Emirates.
- Training course from Integrated Gulf Bio system during the period from 9 to 10 February 2016, which included training ABI 7500 FAST Real Time PCR PREPSEQ & RAPID FINDER

Professional and Civic Membership:

- Member in Egyptian Society for Pest Control and Environmental Protection.

Working Experience:

September, 1999 to February, 2002

Research assistant, Agriculture Research Center, Ministry of Agriculture, Egypt. My duties included:

- Running field and laboratory studies on the efficacy of herbicides in different field crops.
- Studying the impact of herbicide on non target organisms, groundwater and other relevant parameters

February, 2002 – 2006

Teaching assistant, Faculty of Agriculture, Suez Canal University. My duties included:

- help running laboratory classes of pesticides chemistry and toxicology, principals of pest control, water pollution, and organic chemistry.
- supervising field and laboratory screening trials of newly introduced pesticides, against main insect pests. The programmer focuses testing the efficacy of new candidate pesticides prior to their registration. The biological activities, optimum dose, along with side effects and environmental impacts of candidate pesticides are assessed throughout.
- Reading for my M.Sc. degree in weed control and chemistry of herbicide



June, 2006- August, 2008

Assistant Lecture of Chemistry and Toxicology of Pesticides, Faculty of Agriculture, Suez Canal University. My duties include

- Teaching practical parts of several pesticides courses, Organic chemistry, principles of plant protection, Pesticide chemistry, and Water pollution.
- Running field and laboratory screening tests of pesticides efficacy.

September, 2008 to Present

Assistant Lecture of Chemistry and Toxicology of Pesticides, Faculty of Agriculture, Damanhour University. My duties include

- Teaching practical parts of several pesticides courses, Organic chemistry, inorganic chemistry, Analytical chemistry, Fungicides, Acaricides, principles of plant protection, Pesticide chemistry, and Water pollution.

- July , 2013 to Present

Lecture of Pesticides, Faculty of Agriculture, Damanhour, Alexandria University. My duties include

- Teaching of several pesticides courses, Organic chemistry, inorganic chemistry, Analytical chemistry, Fungicides, Acaricides, principles of plant protection, Pesticide chemistry, and Water pollution.

- From February 2020 until now

Associate Professor of Organic Chemistry and Pesticide Toxicity in the Department of Plant Protection - Pest Control, Protection and Environment (Faculty of Agriculture - Damanhour University). The scientific title was obtained by a decision by the Permanent Scientific Committee to promote the professor and associate professor by the Supreme Council of Egyptian Universities.

Languages:

Arabic:	Native language
English:	Good
Deutsch	Good

List of publications

- 1- Ahmed Y. M.; A. M. A. Mostafa; L. A. Reda; **Alaa M. Khozimy** and Yahia Y. Mosleh (2006) . Efficacy of certain herbicides in controlling weeds and their side effects on peanut. Egyptian Journal of Applied Sciences Vol. 21 No. 12A. 243-252.
- 2- Youssry M. Ahmed; Abo-Sabana Mostafa; Lila A. Reda; **Alaa M. Khozimy**; Yahia Y. Mosleh (2008) Mineral oils enhance the herbicides activity of certain post-emergence compounds in controlling weeds on peanut. Journal of Plant Protection Research.. Vol. 48 No. 3. 355-363.
- 3- A. M. A. Mostafa; A.M.El-Adawy; Y. M. Ahmed; L. A. Reda; **Alaa M. Khozimy** (2012). Influence of Mineral Oil the Efficacy the Tow Herbicides Fluzifop-p-butyl and Clethodim for Controlling Peanut Weeds. Agricultural Research Journal, Suez Canal University, . Vol. 12 (1): 91-94.
- 4- Marzouk, M. A., M. A. Abbassy, Y. M. Ahmed, S. M. Shebl and **A. M. Khozimy** (2013) Herbicidal Activity of Penoxsulam and Bispyribac-Sodium and its Combination With Mineral Oil and Spreading Material on Weed Rice Plant. Journal of Applied Plant Protection; Suez Canal University, Vol. (1): 33-42.
- 5- Ahmed, Y. M; A. M. A. Mostafa; L. A. Reda1; A. M. El-Adawy and **A. M. Khozimy**.(2017) Comparison between Chemical and Mechanical Treatments for



Controlling Peanut Weeds. Journal of Applied Plant Protection; Suez Canal University, Volume 6 (1): 9-13.

6- Lila. A. Reda; A.M. A. Mostafa; Y. M Ahmed; A. M. El-Adawy; **A. M. Khozimy (2018)** Influence of Certain Herbicides on some Peanut Characteristics Journal of Applied Plant Protection; Suez Canal University, Volume 7 (1): 19-25.

7- **Alaa M. Khozimy**; Mohamed F. A. Ramadan; Hassan A. Shaldam ; Tahany A. A. Aly. **(2017)** Effect of Storage Temperature on Degradation of Two Herbicides and Their Sub-Acute Toxicity

on Albino Rats. Journal of Applied Plant Protection; Suez Canal University, Volume 6 (1): 15-23.

8- Mohamed F. A.Ramadan; **Alaa M. Khozimy**; H.M.El-Danasoury. **(2017)** Comparison of Thermal Storage on Stability of Two Fungicides Mancozeb and Mancozeb Modified Dimethomorph and Their Impurities Ethylenethiourea. Journal of Pest Control and Environmental Sciences ; Alexndria University, Volume 22: 48-55.

9- **Alaa M. Khozimy** and Mohamed F. A. Ramadan. **(2018)** Thermal Storage Effect on Metalaxyl and Detection of Its Residues on Tomato and Their Relevant Impurities. Journal of Applied Plant Protection; Suez Canal University, Volume 7 (1): 27-32.



10- Shebl, S.M., A.M.A. El-Ghandor, S.S.M. Abd El-Naby , **A.M. Khozimy (2018)** Effect of seeding rate and weed control on growth and yield of broadcast-seeded rice. Proceeding of seventh Field Crops Conference, 18-19 Dec. 261-272.

11- **Alaa M. Khozimy** and Mohamed F. A. Ramadan (2019). Method Development and Validation of Carbendazim Fungicide in Cucumber. Journal of plant Protection and Pathology , Mansoura Univ., Vol 10 (8): 397-400.

12- Ibrahim E. Abdelrahman; **Alaa M. Khozimy** ; Ali M. Alshehri ; Naif A. Alshehri **(2019)** Bacteriological and Physicochemical Assessment of Drinking Water Collected From the Private Selling Sites of Urban areas of Khamis Mushait City-KSA. Journal of Applied Plant Protection; Suez Canal University, Vol. 8 (1):7-14.

13- Khaled Y. Abdel-Halim, Mohamed A. F. Abuzeid, Fayza A. Seddik, **Alaa M. Khozimy (2019)** Glyphosate and pendimethalin in breast milk samples from Egyptian rural areas: A pilot study for infant's risk assessment. International Journal of Advanced Research (IJAR).7(9),991-1002. India.

14- Darwish, A. A. E ; M. M. R. Attia and **A. M. Khozimy (2019)**. Influence of sowing dates, varying hybrids of maize, *Zea mays* L. and application of some insecticides on the population density of the greater sugarcane borer, *Sesamia cretica* Led. (Lepidoptera: Noctuidae) J. of Plant Protection and Pathology, Mansoura Univ., Vol 10 (10):477 – 482.



15- El-Ghandor , A. M. A.; M. A. Mahmoud and **A. M. Khozimy (2020)**. The Mutual Effect of Irrigation Intervals and Weed Control for Enhancing Yield and Productivity of Irrigation Water for Two Rice Cultivars. Journal of Plant Production Sciences; Suez Canal University. Volume 9 (1): 1-16.

16- Heba M. El-Danasoury; **Alaa M. Khozimy**; Laila A. Reda and Marwa S. Kame **(2020)**. Toxic Effects of Administration of Cypermethrin, Vitamin E, Zinc and Their Mixtures on the Hormonal Levels of Thyroid, Kidney Functions and some Biochemical Parameters in Male Mice. Journal of Applied Plant Protection; Suez Canal University, Volume 9 (1): 39-49.

17- Darwish, A. A. E.; **A. M. H. Khozimy**; M. M. R. Attia and M. A. F. Abuzeid **(2020)**. Efficiency of Different Application Techniques of Three Neonicotinoids Insecticides against Florida Wax Scale, *Ceroplastes floridensis* Comstock and Its Parasitoid, *Coccophagus scutellaris* (Dalman). Journal of Applied Plant Protection; Suez Canal University, Volume 9 (1): 9-16.

18- Adnan A. E. Darwish, Mohammed M. R. Attia¹ and **Alaa M. H. Khozimy (2021)**. Effect of Some Integrated Pest Management Elements on the Population Density of *Bemisia Tabaci* (Gennadius) (Hemiptera: Aleyrodidae) on Tomato Plants (*Solanum Lycopersicum* L.). Alexandria Science Exchange Journal Vol. 42, No.1. 57-68.



19- **Alaa M. H. Khozimy**, Mohammed A. F. Abuzeid and Adnan A. E. Darwish (2021). Efficiency of Some Chemical and Bio-Insecticides Against Onion Thrips, Thrips Tabaci Lindeman (Thysanoptera: Thripidae). Alexandria Science Exchange Journal, Vol. 42, No.3.695-705.

20- Khaled Y. Abdel-Halim¹, Safaa R. Osman, Mohamed A. F. Abuzeid and **Alaa M. Khozimy (2021)**. Hematological Changes and Oxidative Stress Induction of Titanium Dioxide Nanoparticles in Male Mice after Intraperitoneal Injection of Different Doses for 28 Days: Study of Organ's Responsibility. NanoWorld Journal. <https://doi.org/10.17756/nwj.2021-088>. (http://creativecommons.org/licenses/by/4.0/) 7(1): 22-32.

21- Mohamed A. F. Abuzeid; S. H. E. Hamada; Heba M. El-Danasoury; **Alaa M. H. Khozimy (2021)**. Sub-Acute Toxicity of two Herbicides Halosulfuron-methyl and Clethodim on Biochemical and Hematological Parameters in Male Albino Rats. Journal of Applied Plant Protection; Suez Canal University. Volume 10 (1):35-42.

22- Ramadan M. F. A. and **A. M. H. Khozimy (2021)**. Etoxazole Stability under Thermal Storage and Its Residues on Green Bean Rods by Quechers Method. J. of Plant Protection and Pathology, Mansoura Univ., Vol. 12 (8):549 -552.

23- Khaled Y. Abdel-Halim , Safaa R. Osman , Mohamed A.F. Abuzeid , Heba T.M. El-Danasoury , **A. M. H. Khozimy (2022)**. Apoptotic and histopathological defects enhanced by titanium dioxide nanoparticles in male mice after short-term

exposure. Toxicology Reports 9 (2022) 1331–1346.
<https://www.elsevier.com/locate/toxrep>.

24- Khaled Yassin Abdel-Halim, Safaa Ramadan Osman , Atef Mohamed Khedr Nassar , **A. M. H. Khozimy**, Heba Mohamed El-Danasoury (2022) Use of DNA adduct and histopathological defects as indications for bio-persistence potency of zinc oxide nanoparticles in gastropod, *Monacha cartusiana* (Müller) after short-term exposure. <https://doi.org/10.5620/eaht.2022025>. Environmental Analysis Health and Toxicology, 37(3).

25- **Alaa M. H. Khozimy** ;Mohamed A. F. Abuzeid ; Darwish, A. A. E. (2022) Effect of Some Insecticides and Their Side Effects in Controlling the California Red Scale, *Aonidiella aurantii* (Maskell). Journal of the Advances in Agricultural Researches (JAAR) Volume: 27 (1), 113-124.

26- **Alaa M. H. Khozimy** ; Heba M. El-Danasoury ; Mohamed A. F. Abuzeid (2022) Biochemical Effects of Treatments with Herbicide Atrazine in Male Albino Rats. Journal of the Advances in Agricultural Researches (JAAR) Volume: 27 (1), 43-57.

27- Mousa, R. A. ; K. A. Abou-zied ; **A. M. H. Khozimy** and M. A. F. Abuzeid (2022) Efficacy of Certain Herbicides in Controlling Weeds and their Side Effects on Field Pea (*Pisum sativum* L.). J. of Plant Protection and Pathology, Mansoura Univ., Vol 13 (1):1– 5.

28- Mohamed A.F. Abuzeid; Atef M.K. Nassar; **Alaa M. H. Khozimy (2022).** Atrazine Residues in Surface Water from Various Agricultural Areas of ElBehera Governorate, Egypt. ALEXANDRIA SCIENCE EXCHANGE JOURNAL, Vol. 43, No.1. JANUARY- MARCH 2022, 35- 41.

29- Alaa M. H. Khozimy; Sameh, H. E. Hamada; Mohamed A. F. Abuzeid **(2023)** Efficacy of Tribinuron–methyl, Fluroxypyr and their Combinations in Controlling Broad-Leaved Weeds in Wheat. ALEXANDRIA SCIENCE EXCHANGE JOURNAL, Volume 44_Issue 4_Pages 735-745.

يعتمد

رئيس مجلس القسم

المتقدم

أ.د. جيهان إبراهيم مرعي

أ.م.د. علاء مسعود حيطاوي خزيمي

عميد الكلية

أ.د. هادي متولي نصر