

## PERSONAL INFORMATION

Prof. Dr. Ibrahim Abd El-Wahab Mohamed Mahmoud

Professor of Plant Protection (Pesticides)

**Address:** Plant Protection Department, Faculty of Agriculture,

Assiut University, 71526 Assiut, Egypt

**Mobile:** 002 01159673743

**Phone:** 002 088 2412669

**Email:** ibrahim.mahmoud@agr.aun.edu.eg

**Fax:** 002 088 2331384

**Date of birth:** 01/10/1980

**Nationality:** Egyptian

**Sex:** Male

**Social status:** Married

**Google Scholar:** <http://scholar.google.com.eg/citations?hl=en&user=nLJ0ec0AAAAJ>

**Researchgate:** [https://www.researchgate.net/profile/Ibrahim\\_Mohamed64](https://www.researchgate.net/profile/Ibrahim_Mohamed64)

**Orcid ID:** <https://orcid.org/0000-0002-8937-904X>

**Assiut Univ., Fac. Agric.:** [https://www.aun.edu.eg/faculty\\_agriculture/](https://www.aun.edu.eg/faculty_agriculture/)

**State personal website(s):** [http://www.aun.edu.eg/arabic/membercv.php?M\\_ID=1359](http://www.aun.edu.eg/arabic/membercv.php?M_ID=1359)

[www.linkedin.com/in/ibrahim-mohamed-68b544316](http://www.linkedin.com/in/ibrahim-mohamed-68b544316)



## WORK EXPERENCES

**31/10/2023- to date**      **Professor**

Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

**30/9/2018-31/10/2023**      **Associate Professor**

Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

**27/5/2012-30/9/2018**      **Lecturer**

Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

**12/9/2008-13/3/2012**      **Ph.D. Graduate Student**

Agronomy and Biotechnology Collage, China Agricultural University, Beijing, China

**24/2/2007-27/5/2012**      **Assistant Lecturer**

Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

**15/12/2001-24/2/2007**      **Demonstrator**

Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

## EDUCATION

**09/2008 – 2/2011**      **Ph.D. degree**

Agronomy and Biotechnology Collage, China Agricultural University, Beijing, China

Dissertation Title: "**Resistance of Japanese Foxtail, Water Foxtail and American Sloughgrass to ACCase- and Catchweed Bedstraw to ALS-Inhibiting Herbicides in China**"

**12/2002 – M.Sc. in Agricultural Sciences (Plant Protection)**  
**01/2007** Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt  
 Thesis Title “**Resistance of Wild Oat to Flamprop-isopropyl and Clodinafop-propargyl in Assiut Governorate**”

**09/1997 – B.Sc. in Agricultural Sciences (Plant Protection)**  
**06/2001** Plant Protection Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

## LIST OF PUBLICATIONS

1. Neama S. Saeed, Sayed A. Ahmed, **Ibrahim A. Mohamed**, Alaa El-Din H. Sayed. 2025. Sublethal effects of S-metolachlor and myclobutanil on behavior, antioxidants, and acetylcholinesterase in *Oreochromis niloticus* as an indigenous predatory fish on larvae of the mosquito, *Culex pipiens*. International Journal of Tropical Insect Science. <https://doi.org/10.1007/s42690-024-01414-2>
2. Amal E. A. Seddik; Sayed A. Ahmed, **Ibrahim A. Mohamed**. 2025. Efficacy of Some New Premixed of Mesosulfuron-Methyl + Iodosulfuron-Methyl-Sodium-Based Herbicides on Annual Weeds in Bread Wheat (*Triticum aestivum* L.). Assiut Journal of Agricultural Sciences 56 (4): 265-278.
3. Neama S. Saeed, Sayed A. Ahmed, Zeinab H. Ahmed, Abdulraouf M. Amro, **Ibrahim A. Mohamed**. 2025. Mixture toxicity of tebuconazole and fluopyram to honeybee (*Apis mellifera* L.): Effects on survival, feeding and antioxidant defenses. Journal of Plant Protection Research. 62(2): 211-222. <https://doi.org/10.24425/jppr.2025.155052>
4. Neama S. Saeed, Sayed A. Ahmed, **Ibrahim A. Mohamed**. 2025. The toxicological effects of certain insecticides alone and in combination with sub-lethal concentrations of S-metolachlor and myclobutanil on *Culex pipiens* larvae. Assiut Journal of Agriculture Science. Assiut Journal of Agricultural Sciences 56 (1): 172-186. <https://doi.org/10.21608/AJAS.2025.319512.1401>
5. **Ibrahim A. Mohamed**, Mona Hassan, Mostafa Aboulela. (2024). New hosts and diagnostic characteristics of *Orobancha crenata* (Orobanchaceae) in Egypt. Acta Botanica Croatica 83(1):e2024003:1-11. <https://doi.org/10.37427/botcro-2024-003>.
6. **Ibrahim.A. Mohamed**, M. Fathy, A.I.A. Farghal, S.A.H. Temerak, S.Kh. Abd El-Ghafar, S.K.A. Idriss. (2023). Behavioral and histopathological changes of *Clarias gariepinus* as a predatory fish against *Culex pipiens* larvae following exposure to sublethal concentration of quinclorac and bensulfuron-methyl based herbicide. Hellenic Plant Protection Journal 16(2):67-78. <https://doi.org/10.2478/hppj-2023-0009>.
7. **Ibrahim A. Mohamed**, Soliman, H. A. M., Hana, M., Lee, J. S., & Sayed, A. E. H. (2023). Toxicity of mixture of polyethylene microplastics and Up Grade® pesticide on *Oreochromis niloticus* juvenile: I. Hemato-biochemical and histopathological alterations. Environmental Toxicology and Pharmacology, 101, 104213. <https://doi.org/10.1016/j.etap.2023.104213>.
8. **Ibrahim A. Mohamed** (2023). Effect of bentazon and different lipid-inhibitor herbicides on weed control and yield of faba bean (*Vicia faba* L.) in Upper Egypt. Egyptian Academic Journal of Biological Sciences F. Toxicology & Pest Control, 15(1):97-105. <https://doi.org/10.21608/EAJBSF.2023.294087>.
9. **Ibrahim A. Mohamed**, Reham M. Abdalla (2023). Weed control, growth, and yield of tomato after application of metribuzin and different pendimethalin products in Upper Egypt. Journal of Soil Science and Plant Nutrition, 23:924–937. <https://doi.org/10.1007/s42729-022-01093-3>
10. **Ibrahim A. Mohamed** (2023). The Potency of separated and new premix formulations of carfentrazone-based herbicide against annual broadleaved weeds in wheat. Egyptian Academic Journal of Biological Sciences F. Toxicology & Pest Control, 15(1):35-45. <https://doi.org/10.21608/EAJBSF.2023.285836>.
11. **Ibrahim A. Mohamed**, Eslam M. Omar, Amer I. Tawfik, Abdulraouf M. A. Amro, and Yahya Al Naggar (2023). Sublethal effects of herbicides clethodim, haloxyfop-P-methyl, and their mixture on honey bee health. Apidologie. 54:2. <https://doi.org/10.1007/s13592-022-00982-x>.

12. Aly A. Abd-Ella, Hazem T.M. Abu Omira, Gaber H. Abou-Elhagag, Mahmoud A. Mahmoud, **Ibrahim A. Mohamed** (2022). Influence of pomegranate butterfly, *Virachola livia* (Klug) (Lepidoptera: Lycaenidae) infestation on chemical composition of pomegranate fruits. *Assiut Journal of Agriculture Science* 53 (2):39-51. <https://doi.org/10.21608/ajas.2022.126793.1111>.
13. **Ibrahim A. Mohamed**, Mohamed Hamed, Hanem S. Abdel-Tawab, Salwa Mansour, Hamdy A.M. Soliman, Jae-Seong Lee, Alaa El-Din H. Sayed (2022). Multi-biomarkers approach to assess the toxicity of novel insecticide (Voliam flexi®) on *Clarias gariepinus*: From behavior to immunotoxicity. *Fish and Shellfish Immunology*, 125:54–64. <https://doi.org/10.1016/j.fsi.2022.04.051>.
14. Shaimaa M.M. Saleh, **Ibrahim A. Mohamed**, Mohamed Fathy, Alaa El-Din H. Sayed (2022). Neuro-hepatopathological changes in juvenile *Oreochromis niloticus* exposed to sublethal concentrations of commercial herbicides. *Environmental Toxicology and Pharmacology*, 93:103871. <https://doi.org/10.1016/j.etap.2022.103871>
15. **Ibrahim A. Mohamed**, Mohamed Fathy, Ahmed I. A. Farghal, Sobhy A. H. Temerak, Alaa El-Din H. Sayed (2021). Efficacy of Nile tilapia (*Oreochromis niloticus*) juveniles and spinosyns bioinsecticides against aquatic stages of *Culex pipiens*: An experimental study. *Journal of Asia Pacific Entomology*, 24: 190–194. <https://doi.org/10.1016/j.aspen.2020.12.005>
16. Mohamed Fathy, **Ibrahim A. Mohamed**, Ahmed I. A. Farghal, Sobhy A. H. Temerak, Alaa El-Din H. Sayed (2019). Fallout of certain ACCase-inhibitor and ALS-inhibitor herbicides on *Culex pipiens* larvae and pupae under laboratory conditions in Egypt. *Scientific African*, 11:e00662. <https://doi.org/10.1016/j.sciaf.2020.e00662>
17. Mohamed Fathy, **Ibrahim A. Mohamed**, Ahmed I. A. Farghal, Sobhy A. H. Temerak, Alaa El-Din H. Sayed (2019). Hemotoxic effects of some herbicides on juvenile of Nile tilapia *Oreochromis niloticus*. *Environmental Science and Pollution Research*, 26:30857–30865. <https://doi.org/10.1007/s11356-019-06280-x>.
18. Shima M. M. Ahmed, Tasneem A. Elghareeb, Mohamed A. I. Ahmed, **Ibrahim A. Mohamed**, Hosam A. Ezz El-Din (2018). Hepato-morphology and biochemical studies on the liver of albino rats after exposure to glyphosate-Roundup®. *The Journal of Basic and Applied Zoology*. 79:1-11. <https://doi.org/10.1186/s41936-018-0060-4>.
19. Tasneem A. Elghareeb, Mohamed A. I. Ahmed, **Ibrahim A. Mohamed**, Shima M. M. Ahmed and Hosam A. Ezz El-Din (2018). Synergistic action of glyphosate on novel pesticides against *Culex pipiens* (Diptera: Culicidae) mosquitoes under laboratory conditions. *Australian Journal of Basic and Applied Sciences*. 12(5):45-52.
20. Reda M. Saba, **Ibrahim A. Mohamed**, A. I. Ahmed (2018). Toxicological and biochemical investigation of certain herbicides on *Culex pipiens* (Diptera: Culicidae) mosquitoes under laboratory conditions. *Advances in Natural and Applied Science*. 12(2): 6-12.
21. **Ibrahim A. Mohamed** (2017). Efficiency of some post emergence acetyl Coenzyme A carboxylaseinhibitor herbicides against certain grassy weeds in canola fields. *Egyptian Academic Journal of Biological Sciences (Botany)*, 8(2):49–58.
22. **Ibrahim A. Mohamed** (2017). Comparative efficiency of certain formulations of glyphosate and glufosinate for controlling annual weeds in pomegranate. *Pakistan Journal of Weed Science Research*. 23(1): 1-15.
23. **Ibrahim A. Mohamed** (2017). Efficiency of selected post emergence herbicides against broadleaved weeds in wheat grown in the new reclaimed land and in the Nile valley. *Journal of Phytopatology and Pest Management*. 4(1): 17-27.
24. **Ibrahim A. Mohamed**, G. S. Mohamed, E. Y. Abdul-Hafeez, O. H. M. Ibrahim (2017) Efficiency of sweet flag and curly parsley volatile oils compared with synthetic insecticides against *Ceroplastes rusci* on Ruellia plants. *Hellenic Plant Protection Journal*. 10(1): 15-24.
25. **Ibrahim A. Mohamed**, M. A. I. Ahmed and Reda M. Saba (2016). Unique efficacy of certain novel herbicides against *Culex pipiens* (Diptera: Culicidae) larvae mosquito under laboratory conditions. *Advances in Environmental Biology*. 10(8): 104-111.

26. Mohamed H. Th., **I. A. Mohamed**, G. H. Abou-Elhagag, R. M. Saba (2015). Toxicity and field presistance of thiamethoxam and dinotefuran against cabbage aphid, *Brevicoryne brassica* L. (Homoptera: Aphididae) under laboratory and field conditions. Journal of Phytopatology and Pest Management. 2(2): 20-26.
27. **Ibrahim A. Mohamed**, Runzhi Li, Zhenguo You, and Zhaohu Li (2012). Japanese foxtail (*Alopecurus japonicus*) resistance to fenoxaprop and pinoxaden in China. Weed Science 60(2):167171. <https://doi.org/10.1614/WS-D-11-00111.1>.
28. **Ibrahim A. Mohamed**, S.A. Ahmed, A.M. El-Ghareeb and G.I. Ahmed (2007). Studies on resistance of wild oat (*Avena fatua* L.) to flamprop-m-isopropyl (Suffix B.W) herbicide in Assiut area. The First Conf. of young scientists, Fac. Agric. Univ. Assiut, Egypt (17-18 April 2007).
29. **Ibrahim A. Mohamed** and Sayed A. Ahmed (2003). Herbicide resistance in wild oat (*Avena fatua* L.). The First Conf. of postgraduate students (CPS). Assiut Univ., Egypt (13-14 April 2003).

## Reviewer in many Journals

1. Environmental Science and Pollution Research.
2. Journal of Apicultural Research
3. The Scientific Journal of King Faisal University: Basic and Applied Sciences
4. Journal of Phytopatology and Pest Management

## SUPERVISION OF MSc AND PhD THESE

1. MSc Thesis entitled: “**Studies on Certain Insect Pests Infesting Canola and Their Control in Assiut Governorate**” By **Hazem Thabat Mohamed**, Department of Plant Protection, Faculty of Agriculture, Al-Azhar University -Assiut branch (**Approved 2017**).
2. PhD dissertation, entitled: “**Effect of Glyphosate Compound on The Toxicity of Certain Pesticides Against Culex Mosquito and Albino Rats**” By **Tasneem A. M. El-Ghareeb**, Plant Protection Department, Faculty of Agriculture, Assiut University (**Approved 2018**).
3. MSc Thesis, entitled: “**Impact of Some Herbicides and Insecticides on Immature Stages of Culex Mosquitoes and Nile Tilapia Fish**” By **Mohamed Fathy Hamed**, Plant Protection Department, Faculty of Agriculture, Assiut University (**Approved 2019**).
4. PhD dissertation, entitled: “**Ecological Studies on Some Pomegranate Pests and Their Control in Assiut Governorate**” By **Hazem Thabat Mohamed**, Department of Plant Protection, Faculty of Agriculture, Al-Azhar University - Assiut branch (**Approved 2022**).
5. PhD dissertation, entitled: “**Toxicological Studies on Some Pesticides Against Larvae and Pupae of Culex pipiens L. and Their Predatory Fish**” By **Mohamed Fathy Hamed**, Plant Protection Department, Faculty of Agriculture, Assiut University (**Approved 2024**).
6. MSc Thesis, entitled: “**Toxic Effects of certain Herbicides on some Non-target Organisms**” By **Neama Shaban Saeed**, Plant Protection Department, Faculty of Agriculture, Assiut University (**Approved 2024**).
7. MSc Thesis, entitled: “**Efficacy of some Post-emergence Herbicides on Weeds in Wheat and Barley in Assiut Area**” By **Ahmad Mohamed**, Plant Protection Department, Faculty of Agriculture, Assiut University (Still work).
8. MSc Thesis, entitled: “**Effectiveness of some Recent Herbicides for Weed Control in Bread Wheat and Durum Wheat in Assiut Area**” By **Amal El-Sayed**, Plant Protection Department, Faculty of Agriculture, Assiut University (**Approved 2025**).
9. MSc Thesis, entitled: “**Toxicity and Sublethal Effects of Certain Conventional and Biorational Pesticides on Honey bees**” By **Nora Abdel-rahim**, Plant Protection Department, Faculty of Agriculture, Assiut University (Still work).

## CONFERENCES

---

- 4-10 November 2017** **The Twelfth Arab Congress Conference of Plant Protection**  
Egyptian and Arab Plant Protection Institute, Hurghada, Egypt
- 30-31 October 2016** **The Seventh Scientific Conference of Agricultural Sciences**  
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 19 April 2015** **The Eighth Scientific Conference of Junior Researchers**  
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 28 April 2014** **The Seventh Scientific Conference of Junior Researchers**  
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 24-27 February 2013** **The First Assiut International Conference of Horticulture**  
Horticulture Department, Faculty of Agriculture, Assiut University, Assiut, Egypt
- 13-14 October 2012** **The Sixth Scientific Conference of Agricultural Sciences**  
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 17-18 April 2007** **The First Scientific Conference of Young Research**  
Faculty of Agriculture, Assiut University, Assiut, Egypt

## SCIENTIFIC PROJECTS

---

- 2012/2013 – 2018/2019** **Principle investigator** of project titled “**Evaluation of new herbicides on grass and broadleaved weeds on certain fruit crops (pomegranate, orange, mandarin and grape) and vegetable crops (tomatoes, peas and green peas) in Assiut Governorate, Egypt**”. Project no. 994 – 2013 to 2019, Funded by Ministry of Agriculture & Land Reclamation, Agricultural Pesticide Committee, The Government of Egypt
- 2012/2013- to date** **Principle investigator** of project titled “**Evaluation of new herbicides against grass and broadleaved weeds on certain winter crops (Wheat, barley, Faba beans, Alfalfa, and flexi) in Assiut Governorate, Egypt**”. Project no. 940 – 2013 to 2019, Funded by Ministry of Agriculture & Land Reclamation, Agricultural Pesticide Committee, The Government of Egypt.

## MEMBERSHIPS

---

- o **The Egyptian Entomological Society (EES)**
- o **Egyptian Biological Control Society**
- o **Arab Society of Plant Protection (ASPP)**

## ADMINISTRATIVE POSITIONS

---

- 2023- to date** **Executive committee member for community services and environment in Assiut university, Egypt**
- 2012 – to date** **Member of Committee of Quality Assurance Unit in Faculty of Agriculture, Assiut University.**
- 2012 – to date** **Advisor of several students of credit hour system in Faculty of Agriculture, Assiut University.**

2012-2013      Member of organization committee of several conferences in Faculty of Agriculture, Assiut University.

## TRAININGS COURSES AND WORKSHOPS

|                     |                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 24-26 June 2023     | <b>Preparing a proposal for a competitive Research Projects</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.     |
| 07-09 August 2022   | <b>Research Ethics</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.                                              |
| 05-07 July 2020     | <b>Quality Standards in Teaching</b><br>Faculty and Leadership Development Center (FLDC), Assiut University                                 |
| 12-14 July 2020     | <b>Effective Management of Time and Work Stressor</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.               |
| 21-23 June 2020     | <b>Publication of Research in International Journals</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.            |
| 21-22 March 2017    | <b>Effective Presentation</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.                                       |
| 14-15 March 2017    | <b>Statistical Analysis in Scientific Researches</b><br>Faculty and Leadership Development Center (FLDC), Assiut University                 |
| 12-13 March 2017    | <b>Strategies Planning</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.                                          |
| 07 March 2017       | <b>How to Create An Account in The Egyptian Knowledge Bank and Researchgate</b> IT and QA Units, Faculty of Agriculture, Assiut University. |
| 12-13 April 2016    | <b>Essential Research Skill</b><br>The knowldege transfer office, Assiut University, Egypt                                                  |
| 14 February 2016    | <b>Credit Hours Courses Specification in Al-Farabi Program</b> IT and QA Units, Faculty of Agriculture, Assiut University.                  |
| 18-20 January 2014  | <b>Time and Conference Management</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.                               |
| 26-28 November 2013 | <b>Use of Technology in Teaching</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.                                |
| 26-28 October 2013  | <b>How to Compete for A Research Fund</b><br>Faculty and Leadership Development Center (FLDC), Assiut University.                           |
| 23-26 February 2008 | <b>Principles of Molecular Genetics</b><br>Biotechnology Laboratory, Faculty of Agriculture, Assiut University                              |