

Curriculum vitae



Dr. Alaa Hamed Mohamed AL-Khafagi
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Education

Certificate	Specialization	Graduation year	University
B. Sc.	Plant Protection	2005	Mosul University / College of Agriculture and Forests / Iraq
M.Sc.	Plant Protection	2009	Mosul University / College of Agriculture and Forests / Iraq
Ph.D.	Plant Protection/ Pant diseases	2019	Mosul University / College of Agriculture and Forests / Iraq

Areas of Interest

- 1.The specialty in which the teacher works.Plant pathology teacher
- 2.The specialty that the teacher in and pursues.Fungal Plant diseases and their control
- 3.His close specialties on the teaching specialty.Bacterial plant diseases and control

Appointment

1. Appointment in 2005 as an agronomist...and 2006 in charge of the plant pathology laboratory
2. Appoint as Faculty membership 2009
3. Appoint as Lecturer since 2019.
4. The decision of the Plant Protection Department from 9/21/2022 until now

Publications

Journals

- 1- AL-Morad. Nidhal .Y. Mohamed and Alaa .H.Alkhafagi (2010) Using coai to redusing *fusarium* wilt caused by *fusarium oxysporium* f.sp. *capsici* on pepper.Meso.J.Agric.38(2)61-68

2 - AL-Morad. Nidhal .Y. Mohamed and Alaa .H.Alkhafagi (2011) Study organic wastes effect on vascular *fusarium* wilt pathogen *fusarium oxysporium* f.sp. *capsici* on pepper. Meso.J.Aagri.39(2).172-182

3 -AL-Morad. Nidhal .Y. Mohamed and Alaa .H.Alkhafagi (2011) First record of *fusarium oxysporium* f.sp. *capsici* on pepper capsicum annum in ninevah and its chemical control. Meso.J.Aagri.39(1).238-248

4 -Alkhafagi.Alaa .H.(2012) .Chemical control of cowping off and root rot Meso.J.Aagri..

5 -Al-khafagi.Alaa..H.and Hiyam.A.I.Al-taii and Warka.S.Q.Al-tae (2019) The role of salsalic acid and bion compound in stimulating systemic resisance in tomato plant against *Alternaria solani* which causes early bliiht disease.College of Basic Edu.Res.J.15(3).1883-1903

6 -Al-khafagi.Alaa..H.and Hiyam.A.I.Al-taii and Warka.S.Q.Al-tae (2019) The efficiency of local isolates of *Bacillus subtilis* and *trichoderma harzianum* in the induction of some defensive enzyme to control *Alternaria solani* in tomato plant..College of Basic Edu.Res.J.15(4).2841-2858

7 - Firas K. Aljuboori B. Y. Ibrahim A. H. Mohamed(2022). BIOLOGICAL CONTROL OF THE COMPLEX DISEASE OF Rhizoctonia solani AND ROOT-KNOT NEMATODE Meloidogyne javanica ON CHICKPEA BY Glomus spp. AND Pseudomonas sp. Iraqi Journal of Agricultural Sciences –2022:53(3):669- 676

8- H Mohamed, A, A E Altaii, H, Z Ibrahim, T 2023, First record of the bacterium Pseudomonas putida on pepper in Iraq. Caspian Journal of Environmental Sciences, 21: 471-478

9- Ali, H.H., A.H. Mohamed and R.N. Mhed. 2023. Efficiency of Different Local Isolates of Bacillus subtilis in Inducing Resistance Against Tomato spotted wilt virus in Pepper Plants. Arab Journal of Plant Protection, 41(1): 71-76.

10- Nayef Fahad Askar dr. Alaa Hamed Mohamed. Molecular diagnosis and pathogenesis of pea seed rot disease and methods of its control.

11- W. S. Q. Al-Tae1 A. H. M. Alkhafagi.(2022). THE ROLE OF FUNGI IN THE TREATMENT OF HYDROCARBON WASTE. Anbar Journal of Agricultural Sciences.

Title of M.Sc thesis. and Ph.D.thesis

- 1- Study of Peeper *Fusarium* Wilt Disease and its Control
- 2- Pathogenesis and Toxicity of *Alrenaria solani* Apathogen of Early Blight on Tomato and its Control

Certificates of Appreciation

1- Certificate of attendance at

Conferences

1. First scientific conference on plant protection at the College of Agriculture and Forestry / University of Mosul, November 29-30, 2010.

- 2- Second Scientific Conference on Plant Protection at the College of Agriculture and Forestry / University of Mosul, November 19-20, 2013

Certificate of participation at

Symposiums

1. Wheat pests between reality and ambition, held by the Department of Plant Protection / College of Agriculture and Forestry / University of Mosul, March 14, 2018.

Workshops

- 1- Sterilizers used to prevent corona virus and how to deal with it, held by the Centre for Continuing Education / Presidency of the Northern Technical University, April 14, 2020.
- 2- The system of courses between reality and implementation in light of the current crisis, held by the Department of Scientific Affairs / Presidency of the Northern Technical University, April 15, 2020.
- 3- Documenting the scientific activities of Iraqi academics on publons, held by the Northern Technical University April 17, 2020.
- 4- Intensive fish farming / fish farming in water systems courses / CRC, held by the Department of Animal Production / College of Agriculture and Forestry / University of Mosul, May 19, 2020.
- 5- Artificial Intelligence and a course on confronting Coronavirus (Covid-19), held by the Centre of Continuing Education / University of Information Technology May 5, 2020.
- 6- Climate Action for a Sustainable Environment. Planting a Million Tree Project. An Iraqi Model, held by the Department of Forestry / College of Agriculture and Forestry / University of Mosul May 9, 2020.
- 7- Scientific promotions between reality and challenges, held by the Deanship of the College of Engineering / University of Qadisiyah, April 16, 2020.
- 8- Horticultural crops and their role in strengthening immunity and reducing infection with Covid-19) held by the Department of Horticulture and Gardening Engineering / College of Agriculture and Forestry / University of Mosul, April 21, 2020.
- 9- Steps for Writing a Subject Review Essay, held by the Department of Horticulture and Garden Engineering / College of Agriculture and Forestry / University of Mosul, April 28, 2020.
- 10- The possibility of using plant extracts as natural sterilizers, held by the Department of Horticulture and Garden Engineering / College of Agriculture and Forestry / University of Mosul, May 11, 2020.
- 11- Recent trends in fertilization of horticultural crops, held by the Department of Horticulture and Garden Engineering / College of Agriculture and Forestry / University of Mosul, May 12, 2020.

- 12- Toxic plants, their toxicity and risks of their circulation, held by the Department of Horticulture and Garden Engineering / College of Agriculture and Forestry / University of Mosul, May 18, 2020.
- 13- Statistical tests for biological experiments using the GenStat program, held by the Continuing Education Centre / University of Tikrit, April 15, 2020.
- 14- How to book an essay review of the topic, which is one of the requirements of the second schedule in the scientific promotions, held by the Centre for Continuing Education / College of Physical Education and Sports Sciences / University of Samarra, April 30, 2020.
- 15- Managing meetings using the ZOOM MEATING program, held by the Centre for Development and Continuing Education / Dhi Qar University, April 16, 2020.
- 16- Covid-19 pandemic and its impact on food and agriculture, held by the Basic Sciences Branch / College of Agriculture and Forestry / University of Mosul, April 14, 2020.
- 17- The mechanism for monitoring the fields of seed producers and the field inspection mechanism under quarantine, held by the Field Crops Department / College of Agriculture and Forestry / University of Mosul, April 20, 2020.
- 18- Potential treatment of Corona virus genetically, held by the Basic Sciences Branch / College of Agriculture and Forestry / University of Mosul, April 14, 2020.
- 19- Applications for storing and sharing files and benefiting from its services, held by the General Secretariat of the Central Library / University of Baghdad, April 14, 2020.
- 20- Methods to facilitate video communication with students within a slow connection to the Internet, held by the Department of Field Crops / College of Agriculture and Forestry / University of Mosul, April 13, 2020.
- 21- How to use rubric in Google classroom, held by the Centre for Continuing Education / University of Mosul, April 15, 2020.
- 22- The impact of the Corona epidemic on Iraqi food security, held by the Department of Agricultural Economics / College of Agriculture and Forestry / University of Mosul, April 20, 2020.
- 23- The use of agricultural waste as feed for agricultural animals in difficult crisis conditions, held by the Department of Animal Production / College of Agriculture and Forestry / University of Mosul, April 21, 2020.
- 24- Mechanism for Follow-up of the Fields of Seed Producers and the Mechanism for Field Inspection under Quarantine, held by the Field Crops Department / College of Agriculture and Forestry / University of Mosul / April 20, 2020.
- 25- Managing references and sources of scientific research using the Mendeley program, held by the Department of Computer System Technologies / Anbar Technical Institute, April 24, 2020.
- 26- A comparison between Zoom and Meet from the scientific and security point of view, held by the Basic Sciences Branch / College of Agriculture and Forestry / University of Mosul. May / 5, 2020.

- 27- Corona virus and its new brother COVID-19, held by the Plant Protection Department / College of Agriculture and Forestry / University of Mosul, May 18, 2020.
- 28- Psychological first aid, held by Al-Tusi University, April 15, 2020.
- 29- Exams at G-Suite for Education, held by Al-Tusi University, April 16, 2020.
- 30- Health Education Ambassador for COVID-19, held by Al-Tusi University, April, 28/2020

Other Activities

- 1- Supervision of a master's student. Naif Fahad Askar(2023) Isolation and identification fungi associated with some legume seeds and its control