

Curriculum Vitae

Dr. RAED A. HALEEM
Ph.D. Plant Pathology



- **Personal Date:**

Full Name: Raed Abduljabbar Haleem

Data of Birth: 18 September, 1976

Family situation: Married with three children

Present Place: Duhok Province , Kurdistan region - Iraq.

Current position: - Lecturer and Researcher at Plant Protection Department, College of Agriculture, University of Duhok, Kurdistan Region, Iraq

Academic Status: Ph.D. Assist. Professor

Field of Specialization: Plant Pathology - Mycology

Experience: sixteen years experience at higher education sector.

Ten years working as Agricultural Consultant in and out university.

Countries visiting for academic activities: USA, Spain, Netherland and Indonesia.

Languages: Kurdish (mother tongue), English (spoken and written), Arabic (spoken and written)

Address for Correspondence:

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- **Education & Qualifications:**

(A) Schooling :

1983– 1988 Salah Al-deen Primary School, City center, Duhok

1989 – 1991 Ashti Intermediate School , City center, Duhok

1992 – 1994 Kawa Secondary School, City center, Duhok

(B) University :

1995-1998: B.Sc. .in Plant Production , Plant Production department, College of Agriculture ,University of Duhok .

1999-2001: M.Sc. In Plant pathology, Plant Protection Dept, College of Agriculture ,University of Duhok , Iraq .

2007-2010: Ph.D. In Plant pathology, Plant Protection Dept. College of Agriculture ,University of Duhok, Iraq, a partnership with University of Hawaii, USA

- **Academic and administration employments:**

2001 – 2003: **Assistant Lecturer** at Horticulture Department, College of Agriculture ,University of Duhok , Duhok , Iraq .

2004 – 2006: **Lecturer** at Horticulture Department, College of Agriculture ,Univ. of Duhok .

2007 – 2012: **Lecturer** at Plant Protection Dept., College of Agriculture, Univ. of Duhok.

2011 –2012: **Vice dean**, Faculty of Agriculture, Univ. of Duhok, Iraq.

2012 – 2016: **Head of Plant Protection Department**, College of Agriculture, Univ. of Duhok, Iraq.

2012 – Present: **Assist. Professor** at Plant Protection Dept., College of Agriculture, Univ. of Duhok

- **Professional Experience:**

A - Teaching:

1- Fruit & Vegetable Diseases course from 2001 – 2004 Academic years, and from 2006-2009, College of Agriculture, University of Duhok .

2- Forest pathology course from 2001 – 2004 and in 2012 - Present, College of Agriculture, Univ. of Duhok, Duhok , Iraq.

3- Principles of Plant Protection from 2001 – 2004, and 2008 - Present, Faculty of Agriculture, Univ. of Duhok

- 4- Mycology, 2010, 2017,2018 Academic Years, Faculty of Agriculture, Univ. of Duhok.
- 5- Post Harvest Diseases Course, 2010 - present, Faculty of Agriculture , Univ. of Duhok
- 6- Diagnosis Techniques of Plant diseases, 2010 – present. Faculty of Agriculture, Univ. of Duhok
- 7- Molecular Biology course, 2011- 2013 . Faculty of Agriculture, Univ. of Duhok
- 8- Field Crops Diseases Adv. 2014-2015.Collge of Agriculture, Uinv. Of Duhok
- 9- Supervisor on student's project of 3rd stage students from 2001-2004, and 2010 – present, College of Agriculture, Univ. of Duhok, Iraq
- 10- Supervising M.Sc. student, 2014 – present, College of Agriculture, Univ. of Duhok, Iraq
- 11- Supervising M.Sc. student, 2014 – 2017, Agricultural Engineering Faculty , Yuzuncu Yil University, Turkey

B- New Records in Iraq:- First record of three causes of Grapevine decline in Iraq:-

- 1- *Botryosphaeria parva*
- 2- *Phaeoacremonium aleophilum*
- 3- *Cylindrocarpon destructans*

C- Recent activities as a member in administration committees at College of Agriculture, University of Duhok, Kurdistan region, Iraq:-

- Summer training committee, College of Agriculture, 2011.
- Discipline committee, College of Agriculture, 2011.
- Scientific committee, Plant Protection Dept. College of Agriculture, 2011, 2014,2015, 2016 and 2017.
- Organizing committee for the first Agricultural Scientific Conference, College of Agriculture, 2012.
- Agriculture consultant bureau, University of Duhok, 2012 - present
- Quality Assurance - evaluation committee of academic staff activities, Plant Protection Dept. College of Agriculture, 2012 – present
- Pest survey committee in Duhok governorate, in cooperation with Ministry of Agriculture, 2013 -2015
- Organizing committee of the second Agricultural Conference, University of Duhok, April 2016.

- Scientific title award committee, College of Agriculture, 2012 , 2017 and 2018

- Training and Teaching and other Activities out University

- 1- " IPM" Workshop , Duhok governorate farmers under UNSCR " 986", 7 –14 April, 2000.
- 2- " Plant Diseases " Workshop , Staff of Duhok and Arbil Agriculture Faculty under UNSCR " 986" FAO, 15 – 28 September , 2000 .
- 3- Plant Protection " Training Course " , Duhok governorate farmers under UNSCR " 986" FAO,15 -21 September, 2000 .
- 4- Technical Staff for Pest and Disease Identification – FAO, Duhok Office, 02-31 August, 2003.
- 5- Green House Diseases Training course for the local farmers, Extension and Training center –Duhok governorate, 20 – 26 June, 2010.
- 6- The Staff Development Training for Medium-Level Leaders of the University of Duhok, Kurdistan/ Iraq. Organized by UISTAFF Associates, the University of Duhok, and the University of Kassel. Sponsored by German Academic Exchange Service (DAAD), November 24 – 29, 2012.
- 7- Participating as a member in the scientific committee for Developing the Agricultural sectors in Kurdistan Region – Iraq, June 17, 2013
- 8- Participating in Training course for Agricultural Higher education staff on (Interactive learning and action research), Held by ICRA, Netherland, 11- 31 November, 2015
- 9- Working with Green Life Agricultural consultation bureau (private sector)- Duhok province , From 2014 to present.
- 10- Work as Consultant with GOAL organization (International NGO) to Develop an Educational Training Curriculum to be part of Training of trainer (TOT) for Agricultural Extension Directorate – Duhok, From March,2017 to May, 2017.
- 11- Work as Consultant with Whh organization (International NGO) Training of Trainers (ToT) on vegetable production for home gardens and under greenhouse conditions for farmers in Sinnuni– Mousel province, during April, May and July 2018.

- 12- Training course organized by Harikar organization (Local NGO) and ASB Org. (International NGO) On Cultivation Cucumber Under greenhouse Condition. For farmers in Zummar – Mousel Province, during April – June, 2018.
- 13- Attend workshop about (The Role of Media in Environment Protection) , Directorate of Environment Protection – Duhok governorate , 21 January, 2019.
- 14- Work as Consultant with Whh organization (International NGO). Design and deliver two courses – Training of Trainer and Businesses Training on Agriculture for farmers in Sinnuni– Mousel province, from 3 April – 30 May 2019.

- **Membership:**

- 1- Agriculture Engineering Syndicate-Iraq,1998.
- 2- Phytopathology Mediterranean society-Italy, 2012
- 3- International Council on Grapevine Trunk Diseases-Spain, 2012
- 4- Arabic plant protection society-Lebanon, 2014.

- **Thesis :**

- 1- Fusarium Crown and Root Rot of Tomato with their Control in Duhok Governorate. M Sc. Thesis, 2001, Univ. of Dohuk, Iraq.
- 2- Molecular and Morphological Identification of Fungi Associated with Grapevine Decline Phenomenon in Duhok Governorate. Ph.D. Dissertation, 2010, College of Agriculture. Univ. of Duhok, Iraq.

- **Researches & Publications:**

- 1- Integrated control for tomato crown and root rot caused by *Fusarium oxysporum* and *F. solani*. Proc. 1st sci. Con. Biol. Science 22-23 April 1999.
- 2- Effect of soil type and irrigation on the Pythium root rot of tomato caused by *Pythium aphanidermatum*. Zanko journal V. (17) No.(1) 2004.
- 3- Study on the Ascochyta blight disease on chickpea in Dohuk province. Journal of Duhok University. V. (7) No.(2) 2004.

- 4- Fusarium crown and Root Rot of tomato caused by *F. oxysporum* f. sp. *radicis* – *lycopersici* . Journal of Dohuk University V.7 (4): 48 – 55, 2004..
- 5- Association of Entomopathogenic and other Opportunistic Fungi with Insects in Dormant Locations. Jordan Journal of Biological Sciences. V.4 (2), June-July. 2011.
- 6- Mycobiota Associated with Grapevine Cuttings in Duhok Nurseries (Kurdistan Region-Iraq), The 4th International Scientific Conference of Salahalddin University-Erbil, 2011,Volum III, P. 960-965.
- 7- Morphological And Molecular Identification of *Phaeoacremonium aleophilum* Associated with Grapevines Decline Phenomenon in Duhok Governorate. Journal of Basrah Researches, 37 (4): 1- 8. 2011.
- 8- Biological Control of Grapevine Decline Caused by *Phaeoacremonium aleophilum* and *Cylindrocarpon destructans*. Proceeding of the second scientific conference for biological sciences, 16 – 17 Nov., 2011.Science College. Mosul University. P. 162-173.
- 9- Effect of Heat-stress predisposition on the development of sooty canker caused by *Neoscytalidium dimidiatum* (Penz.) Crous & Slippers. Acta Agrobotanica, Poland, 64 (4) P. 207-212. 2011.
- 10- Identification and Pathogenicity of *Botryosphaeria parva* associated with Grapevine decline in Kurdistan region-Iraq. Acta Agrobotanica, Poland, 65 (1) P. 71-78. 2012.
- 11- Effect of pruning wounds on fungal predisposition in some Grapevine cultivars grown in Duhok-Iraq. The first Scientific Agricultural Conference-, 10-12 April, 2012. Faculty of Agriculture and Forestry, University of Duhok, Iraq.
- 12- Pathogenicity of *Phaeoacremonium aleophilum* Associated With Grapevine Decline In Kurdistan Region-Iraq., Vol. I, 2012. Journal of Zakho University
- 13- Fungi associated with Freshly harvested corn grain in Duhok governorate, Vol. II, 2012. Journal of Zakho University.
- 14- Development and suppression of Grapevine black Foot caused by *Ilyonectria destructans*. E. Sci J. Plant Pathol. 02 (01) 2013. 25-31.
- 15- Occurrence and distribution of fungi associated with grapevine decline in Kurdistan region-Iraq. Agric. Biol. J. NorthAmerica, 2013, 4(3): 336-348.

- 16- Chemical control of black foot disease caused by *Ilyonectria radicola* on Grapevine cuttings. Proceeding of the 2nd international conference of Plant Protection Sciences, 19-20 November, 2013, College of Agriculture and Forestry, Mousel University, Iraq. Alrafedaen Agriculture Journal,Vo. 42 (Special issue)
- 17- Fungi colonizing the roots of Forest seedlings in Duhok nurseries – Iraq. Proceeding of the Eleven Arab congress of plant protection. 9-11 November, 2014.,Amman- Jordan (Abstract).
- 18- Occurrence of major fungal and bacterial diseases on stone fruits trees in Duhok province, Kurdistan region –Iraq. Journal of University of Duhok. Vol. 19,No 1, 2016.
- 19- Fungi colonized the roots of seedlings in forest nurseries. Mycopath (2016) 14(1): 9-13.
- 20- Antagonism of *Trichoderma harzianum* and *Clonostachys rosea* against fungi associated with grapevine decline in Kurdistan region – Iraq. Journal of University of Zakho, Vol. 4(A), No.2, Pp 166-172, 2016.
- 21- First Record of Mycetophagous nematode *Apheienchus avenae* in Iraq with description and testing their propagation on different fungus culture. Bulletin of the Iraqi Natural history Museum. 2017
- 22- Occurrence and isolation of some *Fusarium* species associated with crown and root rot disease in some wheat fields of Duhok, IKR, Iraq.JZS (2018). Special Issue, 2nd Int. conference of Agricultural Sciences.

- **Present scientific research activity:.**

- 1- Biological control of Grapevine trunk diseases in Duhok City.
- 2- Detection the causal agents of black foot and petri disease in soils of grapevine using baits plants .
- 3- Molecular Identification of *Fusarium* species associated with wheat grains during storage conditions.
- 4- Screening the susceptibility of wheat cultivars against Cover bunt.

- **Conference and Symposium Attendance:**

- 1) First scientific conference for biological sciences. 22-23 April, 2009. Mosul University, Mousel governorate, Iraq.
- 2) Fourth conference of Microbiology and Biotechnology. 1-2 Dec. 2010. University of Basrah, Basrah governorate, Iraq.
- 3) 7th Asian Crop Science Association Conference, 27-30 Sep. 2011. International Convention Center, Agricultural University of Bogor, Bogor-Indonesia.
- 4) The 4th International Scientific Conference of Salahaddin University-Erbil, October 18-20, 2011. Culture center, University of Salahaddin, Erbil, Iraq.
- 5) The second scientific conference for biological sciences, 16 – 17 Nov., 2011. Science College. Mosul University, Iraq
- 6) The first Scientific Agricultural Conference-, 10-12 April, 2012. Faculty of Agriculture and Forestry, University of Duhok, Iraq.
- 7) 8th International workshop of Grapevine Trunk Diseases . 18-21 Sep. 2012. Polytechnic University,Valencia, Spain.
- 8) 1st international scientific conference. 23-25 April 2013.University of Zakho, Duhok, Iraq.
- 9) 2nd international conference of Plant Protection Sciences, 19- 20 November 2013, College of Agriculture and Forestry, University of Mousel, Iraq.
- 10) 2nd Agricultural Conference, 26-27 April, 2016, University of Duhok, Duhok province, Kurdistan region, Iraq.
- 11) 2nd international conference of Agricultural sciences. 4-5 April ,2018,University of Sulaimani , Sulaimani province, Kurdistan region, Iraq.
- 12) The 5th Kurdistan International Conference on Science and Technology (KCST-201, 24-25 April 2019. University of Duhok , Duhok province, Kurdistan region, Iraq.

- **Other course taking:**

- 1- Taking course on Plant pathogens and Diseases, from September, 2005- November, 2005- plant and Environmental protection (PEPS) department- University of Hawaii at Manoa-Hawaii State – USA.

- 2- Intensive course in spoken English, from January 7 – March 18, 2005
- University of Hawaii at Manoa-international programs of outreach college, USA.
- 3- TOEFLI preparation course, from January 7- March 18 2005 - University of Hawaii at Manoa-USA.
- 4- International Bridge Program, from January 12 – December, 2005 - University of Hawaii at Manoa-USA.
- 5- Scientific Writing and Presentation Training Course, 12-19 Dec. 2006, University of Dohuk – Kurdistan region, Iraq. Supervised by staff from Uppsala University-Poland.
- 6- EndNot X4 Program – EndNot X4 Workshop held at Cultural Center – University of Duhok –Iraq, April 14-15, 2013.

References

(1) Dr. Rafail Sh. Toma

Dean Assistant for Scientific Affaires and General coordinator with GIZ organization (part time).

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