

*CURRICULUM VITAE*

**OADI N. MATNY**

Department Plant Protection

Al-Jaddrea-Baghdad

Iraq-10001

Email: [oadi77@yahoo.com](mailto:oadi77@yahoo.com), [odaimatny@coagri.uobaghdad.edu.iq](mailto:odaimatny@coagri.uobaghdad.edu.iq)

## EDUCATION

---

**Ph.D Agriculture Science (Plant Pathology)**, University Of Baghdad, Baghdad Iraq  
DISSERTATION: *Serological and Detoxification Studies by Use Physical and Biological Agent on T2\_toxin*  
ADVISOR: Rakib A. Al-Ani  
EXPECTED COMPLETION: JANUARY 2006.

**M.Sc, Agriculture Science (Plant Pathology)**, University Of Baghdad, Baghdad, Iraq, 2002.  
THESIS: *Integrated Control of Sesame (Sesamum indicum L.) Phyllody Caused by Phytoplasma*  
ADVISOR: Ayad Al-Heeti  
EXPECTED COMPLETION: Jun 2002.

**B.Sc, Agriculture Science, Department of Plant Protection**, University Of Baghdad, Baghdad, Iraq, 2000.

## TEACHING EXPERIENCE

---

**Researcher**, Department of Plant Pathology, College of Food, Agricultural, and Natural Resource Sciences, University of Minnesota, MN, 2015- present.

**Assistant Professor** Field Plant pathology, College of Agriculture, University of Baghdad, Department of Plant Protection. 2011-2014.

**Lecturer**, in Department of Plant Protection, College of Agriculture, University Of Baghdad, Baghdad, Iraq, 2006-2010.

## RESEARCH EXPERIENCE

---

**Project run:** Screening of resistance gene in wild barley against rust disease and collaborated with the breeder to use it in barley breeding program. University of Minnesota, MN, USA, 2014-present.

**Consultant**, Plant disease diagnosis & control, University of Baghdad, Iraq. 2006-2014

**Special Projects Supervise**, Greenhouses in Agriculture Institute, University of Baghdad, Iraq, 2011  
**Mycotoxin Analysis**, Support the Animal breeder and farmer to investigate the animal diets for Mycotoxin contamination and give them advices. 2006-2014.

## HONORS

---

Australian Award Program, CSIRO Institute, Queensland, Brisbane, Australia, 2009-2010.

4<sup>th</sup> International master class in soil borne pathogen of wheat. 20<sup>th</sup> June- 3<sup>th</sup> July, 2010 .Eskisehir, Turkey.

Islamic Development Bank Award to University of Minnesota, College of Food, Agricultural and Natural Resource Sciences, Department of Plant Pathology, MN, USA, 2013-2014.

## PROFESSIONAL MEMBERSHIPS

---

Membership in Arab Society for Plant Protection. Beirut, Lebanon. 2006-2013  
Membership in Endeavour Alumni Network. Australia.2009-present

## ACADEMIC LECTURERS

---

Plant Pathology  
Plant Ecology  
Principles of Plant Protection  
Storage Pests & Control  
Biotechnology  
Mycotoxin

## RESEARCH INTEREST

---

Fungal Plant Pathology  
Molecular Biology  
Cereal Fungal Soil Born Pathogen  
Mycotoxin

## CONFERENCES ATTENDING

---

The 7<sup>th</sup> Plant Protection Conference In Damascus, Syria 19-23 November.2006.  
The 4<sup>th</sup> Scientific Conference for Agriculture Researches In Tikrit University Iraq.29-30 April .2008.  
The First Agriculture Conference In University of Aleppo ,Syria 13-15/October 2008.  
The First Agriculture Conference In University of Dehala, Iraq .2009.  
The 7<sup>th</sup> Scientific conference for agricultural research. University of Baghdad. 20-October -2009.  
Second scientific conference for genetic engineering and biotechnology in University of Baghdad. 4-5 Nov -2009.  
The 8<sup>th</sup> Plant Protection Conference In Lebanon, Beirut. 26-30 October.-2009.  
The 7<sup>th</sup> symposium of Date Palm researches, 24-Nov-2009, College of Agriculture, University of Baghdad. Iraq-Baghdad.  
The First National Symposium of Mycotoxins in Iraq. College of Agriculture, University of Baghdad in 16 March 2011.  
The Seventh Scientific Agricultural Conference (SSAC-2012) period 8-10 October 2012, Faculty of Agriculture of Jordan University of Science and Technology in Irbid, Jordan.  
The 3<sup>rd</sup> Scientific Plant Protection Conference, University of Baghdad ,College of Agriculture, Department of Plant Protection 11-12 Nov 2012, Iraq-Baghdad.  
The 2<sup>nd</sup> Scientific Biology Conference, University of Mosul, College of Education , Department of Biology, 7-8 Nov 2012, Mosul, Iraq.  
The Agricultural Scientific Conference, University of Karbala, 2012, Iraq.  
The 2<sup>nd</sup> conference of plant protection, 19-20/11/2013, University of Mosul, College of Agriculture, Dept. of plant protection. Mosul-Iraq.  
The 4<sup>th</sup> conference of Agriculture, University of Anbar, College of Agriculture. 26-27/11/2013. Anbar-Iraq.  
APS–CPS Joint Meeting August 9–13, 2014, Minneapolis, Minnesota, USA.

## PUBLICATIONS

---

### *Refereed Journal Publications:*

AL-Warshan S.H.; **Oadi N. Matny** and Mohammmd A, F.2007. Contamination of poultry feed with Aflaoxin B1. The Iraqi Journal of Agricultural Sciences.38 (1):15-22.

Al-Ani R.A. and **Oadi N. Matny**.2007.The Evaluation of bentonite and activated charcoal to adsorb T-2 Toxin from animal diet. The Iraqi Journal of Agricultural Sciences.38 (1):23-28.

**Oadi N. Matny**.2007.Test of some microorganismes to adsorbent and detoxification of T-2 toxin from animal diet. Journal of Dahela Agriculture Science. 1(1):66-74.

Al\_Heeti, A and **Oadi N. Matny**. 2006. The effect of some chemical and agriculture program to phytoplasma transfers factors and there effect on severity, incidences disease on *Sesamum indicum* L. Demoscous .The 7<sup>th</sup> Plant Protection Conference.2006.

Al\_Heeti A and **Oadi N. Matny**. 2006. Survey of weed and insects associated with *Sesamum indicum* L crop and evaluation for same methods translation of phytoplasma caused a phyllody diseases to health sesame plant. The 7<sup>th</sup> Plant Protection Conference.2006.

Muwafk,M and **Oadi N. Matny**.2007.Evaluate Coatal plant *Ceratophyllum demeresm* using to prepare general media for some Microorgansims. Al-Anbar .Journal Science. 3(1):35-44.

**Matny ON**.2007.Detection of some isolates of *Fusarium spp* which produce T-2 toxin from maize grain in Iraq.Al-Anbar Journal of Agriculture Science. 5:279-285.

**Matny ON**.2007.Use of magnetic water and some biological agents to control *Pythium aphanidermatum* on cucumber. The Iraqi Journal of Agricultural Sciences. 39:23-28.

**Matny ON**;S.M.K. Saadedin & Bashier A.Al-Nadaawi .2007. Use of *Cressa cretica* extract to control dodder. The Iraqi Journal of Agricultural Sciences. 38 (5):62-67.

**Matny ON**.2008.First report for ectomycorrhiza *Pisolithus tinctorus* on *Eucalyptus spp* trees in Iraq. The 4<sup>th</sup> Scientific Conference For Agriculture Researches. Iraq-Tikrit 2008.

**Matny ON**.2008. Evaluation capability of fungicide F-556 to control common smut on corn under under natural infection condition. Journal Ministry of Agriculture. 12:5-10

**Matny ON** and J.A Tawfic. 2009. Evaluation the fungi *Onnia tomentosa* to increase the protein in agricultural waste. Iraq Journal of Agriculture. (Special Issue) 14(5):111-116.

**Matny ON**.2009.Use of agricultural sulfur with carbendazin fungicide to control wilting disease on watermelon in field conditions infection. 10th Arab Congress of Plant Protection, Beirut, Lebanon 26-30 October, 2009.

**Matny ON**; Satar A. & Saad T. A. 2010.The use of acetic acid to control *Rhizoctonia solani* caused root rot and stem canker disease on broad bean. Al-Anbar Journal of Agricultural Sciences.8 (3):71-75.

**Matny ON** and Adnan A. Eisa .2012. Biological control of tomato damping off caused by *Rhizoctonia solani* under greenhouse condition. The 7th Scientific Agricultural Conference proceeding pp 21.

**Matny ON**.2012.Detection for Aflatoxin B1 on nuts in Iraqi market .Journal of Education and Science. 25(5):171-178.

**Matny ON** and Faiza I. Al-Rawi.2012. Use of Antimicrobial and Biological Agent to Control Green Mold on Orange Fruit. International Journal of Applied Agricultural Research. 7(1): 45-54.

**Matny ON**, S, Chakraborty, F, Obanar and R, A. AL-Ani. 2012. Molecular identification of *Fusarium spp* causing crown rot and head blight on winter wheat in Iraq. Journal of Agricultural Technology. 8(5): 1677-1690. IF: 0.3

**Matny ON** and Adnan A. Eisa.2012. Biological control of tomato damping off caused by *Rhizoctonia solani* under greenhouse condition. Jordan Journal of Agriculture Science. 9(3):420-426.

Salim H. S. AL-warshan and **Oadi N. Matny**.2012. Effect of container, medium weight, and moisture content on aflatoxin B1 production on rice. Al-Anbar Journal of Agriculture Science.10 (1):11-17.

**Matny ON.**, J.A. Tawfeeq, S.H. Alorchan, S.T. Abdul-Malik1, A. Adab, S.T. Kassid and A. Al-Gaboury.2012. Investigation on the deoxynivalenol in rations and some imported and local ingredients in Iraq and its effect on the in vitro degradation. Journal Food Industries & Nutrient Science. 2(1):77-85.

Rakib A. Al-Ani, Mustafa A. Athab, **Oadi N. Matny**.2013. Management of potato virus Y (PVY) in potato by some biocontrol agents under field conditions. Advances in Environmental Biology, 7(3): 441-444.

**Matny ON**.2013. First report of okra damping off causes by *Phytophthora nicotianae* in Iraq. Plant Disease Report, 97(4): 558. IF: 2.4.

Al-Merawi, A A., Neran S.A, and **Oadi N. Matny**.2013. Control of charcoal disease on broadbean using *Azospirillum brasilense* and Bokashi. Iraq Journal of Agriculture Science. 44(4).

**Matny ON**.2013.Mycotoxin production by *Fusarium* spp isolates on wheat straw in laboratory condition. *Research Journal of Biotechnology*. 8(7): 35-41. IF:0.1

**Matny ON**.2013.Detection of Deoxynivalenol, Zearalenone and T2-Toxin produced by *Fusarium* species in different cultures. Intl. J. Agri. Crop Sci. 5(20):2385-2389. IF:0.2

**Matny ON**.2014. Screening of Mycotoxin Produced by *Fusarium verticillioides* and *F. proliferatum* in Culture Media. Asian Journal of Agriculture and Rural Development. 3(12) 2013: 1001-1006. IF: 0.255.

Matny ON. 2014. Mycotoxins: Theory and General Concept, Alsema Press, Baghdad, Iraq pp 288.

Khalifah, M & **Oadi N. Matny**.2014. Pathogenicity evaluation of *Fusarium* spp isolates, causal agent of crown rot disease in wheat. The Iraqi Journal of Agricultural Sciences. 44(4): 480-489.

**Matny ON**, Eman K Abdul-Karim, Rabab A Naemah and Rakeb A Al-Ani.2014. Activity of propolis and *Boswellia* sp resins extract against *Sclerotinia sclerotiorum* causative agent of white rot disease of *Phaseolus vulgaris* and *Daucus carota* under storage conditions. Journal of Experimental Biology and Agricultural Sciences. 2(1):65-71. IF: 0.215.

**Matny ON**, Salim H. S. AL-Warshan and Amna M. Ali.2015. Antifungal Evaluation of Iraqi Propolis against *Penicillium expansum* and Mycotoxin Production in Apple. International Journal of Current Microbiology Applied Science. 4(11): 399-405.

**Matny, ON**. 2015. *Fusarium* Head Blight and Crown Rot on Wheat & Barley: Losses and Health Risks. Advances in Plants & Agriculture Research. 2(1): 00039. DOI: 10.15406/apar.2015.02.00039.

**Matny, ON** and Khalifah, M. 2015.Biological control of crown rot disease caused by *Fusarium graminearum* on wheat in Iraq. The Iraqi Journal of Agricultural Sciences. 46(6): 984-997.

**Matny ON**. 2015. Efficacy Evaluation of Iraqi Propolis Against Gray Mold of Stored Orange Caused by *Penicillium digitatum*. Plant Pathology Journal. 14 (3): 153-157.

## THESIS SUPERVISION

---

Biological control and Molecular Identification of *Fusarium* spp on Wheat in Iraq. 2013.

Chemical and biological prevention and detoxification of Aflatoxin B1 produce by *Aspergillus flavus* in store maize. 2014.

## **EXPERIENCES**

---

Plant disease diagnosis, Speciation of fungal plant pathogens, Isolation & preserved fungal cultures, Phenotyping for plant pathogens, DNA extraction and working with PCR (Sequencing, RAPD, SSR), Biological control of Plant pathogens, ELISA technique, Mycotoxin analysis, Greenhouse and field experiment design.