

CURRICULUM VITAE (C.V)

Date: 26/04/ 2016

PERSONAL INFORMATION:

Sure name: Hammad

First name (s): Ahmed Mohammed Ali

Current situation: Assistant professor

Date of birth: 1972

Place of birth: Madani (Sudan)

Sex: Male

Nationality: Sudanese

Marital status: Married

Languages: Arabic (Mother tongue), English Fair (Proficiency) and Turkish

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Address in South Africa: School of Agricultural, Earth and Environmental Sciences, Discipline of Plant Pathology, Rabie Saunders Building, Room 114
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EDUCATION:

Third University Degree:

Ph.D. Plant Protection (Pesticides and Environmental toxicology), Faculty of Agriculture, University of Ankara, Turkey 2011

Second University Degree:

M.Sc Crop Protection, Faculty of Agriculture, University of Khartoum, Sudan
the MSc degree awarded from DAAD (Germany).

Date of Degree Awarded: 2004

First University Degree:

B. Sc. (Agric.) Honors, Class 1, Major in Pathology, Faculty of Agric., University of Khartoum, Sudan.

Date of Degree Awarded: 1999

School Certificate: The Secondary School Certificate (75.6%), Hantoob Secondary School, Madani, Sudan

Date of certificate Awarded: 1993

WORK EXPERIENCES:

1. May 2005 to 2011: Lecturer, Dept. of Crop protection, Faculty of Agric, University of Khartoum, Sudan.
2. February 2004 to present: Coordinator of the diploma of bee keeping, Dept. of Crop protection, Fac. of Agric., University of Khartoum.
3. September 1999 to May 2005: A Teaching Assistant in Dept. of crop protection, Faculty of Agric., University of Khartoum, Sudan.
4. From May 2005 to October 2011 lecturer at same mentioned

University.

5. From November 2011 up to now Assistant professor at Department of Crop Protection, Faculty of Agric. University of Khartoum.
6. Determinant of Department of Crop Protection Faculty of Agric. University of Khartoum
7. Head of Crop Protection Department, Faculty of Agric. University of Khartoum for three months
8. Currently administrator of Central Laboratory for Chemical Analysis of Shambat Campus
9. Head of pesticide laboratory of residue analysis in the agricultural products and pesticides standardizations.
10. Member of Sudanese Standardization and Metrology Organization pesticide committee

2. Training Courses:

1. Agricultural Training and Community Development Unit, Fac. of Agric, University of Khartoum. July 2005.
2. Sampling, mounting and classification of Phytosiidae(Acaridae) in Plant Protection, Faculty of Agric .University of Ankara,Turkey.
3. Genotoxicology workshop by Comet Assay test for DNA damage analysis caused by Environmental toxicology (Ankara, Turkey 2010)

SKILLS:

A. Constructing and teaching of the undergraduate Level: Teaching the practical sessions of the following subjects:

1. Introduction of Agricultural Zoology (level 1)
2. Fundamental of Plant Pathology (level 3)
3. Fundamental of Entomology (level 2)
4. Economic Entomology level 2
5. Plant virology level 4
6. Plant Bacteriology level 4
7. Acarology
8. Medical Entomology level 5
9. Field crop pathology level 4
10. Bee keeping level 5

- Constructing and teaching of the undergraduate

Level:

- 1- Introduction of Agricultural zoology
- 2- Biochemistry of Pesticides and Environmental toxicology
- 3- Biological techniques

- 4- Environmental toxicology
- 5- Vertebrates and Invertebrates

6. Fungicides and other microorganisms

7. Plant Quarantine

8. Plant Acarology

9. Insecticides and Rodenticides

10. Application of Pesticides

11. Principle of Pests Management

12. Environmental pollutants and other Agrochemical pollutants

13. Pesticide Residues Analysis in Agro environments (food , water and soil)

- Constructing and teaching of the postgraduate Level:

1- Advance in Environmental toxicology

2. Environmental Pollutants

3-Pesticides Mode of actions

4- Pesticides

- Conferences and congress:

1. Taxonomy Workshop of Phytosiidae which held in Plant

Protection, Faculty of Agric. University of Ankara, Turkey.

2. Workshop of Pesticides in Plant Protection, Faculty of Agric.

Ankara University

3. 3th Turkey Plant Protection congress which was held in Yuzuncu
yil University.

4- Congress of Biotechnology and molecular biology, Turkey, Ankara

- Field Experiences

Conducting field experiments, field survey, acting as an adviser and demonstrator in scientific tours and visits, application of pesticides, pesticide analysis and biochemistry of pesticides.

Computer

Operator: Microsoft office (Word Processing, Excel and Power Point), database.

AWARDS:

- Arab Organization for Agricultural Development prize for the best academic performance in agronomy, final year - Arab Authority and Development of Agriculture Prize for the best academic performance in Plant pathology, final year student (1999)
- Sudanese Agricultural Bank prize for the best academic performance in Plant pathology, final year student (1999)

PROFESSIONAL MEMBERSHIPS:

- Member of Sudanese Agricultural Council - Member of Agricultural Engineering Union

Publications;

1. Ahmed M.A. HAMMAD and M.M. YASSİN.2011. Some Studies on the Ecology and Host Range of Eriophyid Mites (Acarina: Eriophyoidea) in Sudan. Journal of Agricultural Science and Technology A 1 (2011) 285-291, published: June 20, 2011. Page 285-291.
2. Ahmed M.A. HAMMAD. Some Studies on the Ecology and Host Range of Eriophyid Mites (Acarina: Eriophyoidea) in Sudan.Türkiye III. Bitki Koruma Kongresi 15-18 Temmuz 2009, Van, Türkiye.
3. Ahmed Mohammed Ali HAMMAD, M.Oktay GÜRKAN. Side effects of some crop protection products on soil non-target invertebrates. Türk. entomol. derg., 2012, 36 (2): 169-176. ISSN 1010-6960 .
4. Ahmed Mohammed Ali HAMMAD, M.Oktay GÜRKAN. Side effects of some crop protection products on soil non-target invertebrates.Türkiye IV. Bitki koruma Kongresi. 28-30 Haziran 2011, Kahramanmaraş, Türkiye
5. Ahmed Mohammed Hammad, Azza Siddig Abbo, Mohamed Osman Idris, The Antifungal Effects of Four Tomato Rhizosphere Bacillus spp. against *Alternaria Alternata*. International Journal of Science and Research (IJSR) 3 (7), 2014.
6. Azhari Omer Abdebagi , Ahmed Mohammed Ali Hammad (2015). Levels of organochlorine pesticides in the blood of people living in areas of intensive pesticide use in Sudan" Environmental Monitoring and

Assessment, Accepted (DOI: 10.1007/s10661-015-4269-0)

7. Ahmed M. A. Hammad, Mahgoub Ishag A.alla, Elsayed E. Mohammed. Biology and fecundity of the melon bug *Aspongopus viduatus* (fabricius), in the laboratory. International Journal of Science, Environment and Technology, vol.4, issue 2 (2015).
8. Azhari O. Abdelbagi, Ahmed B. Elbashir, Ahmed M.A. Hammad, Gafar A. Elzorgani & Mark D. Laing (2015). Organochlorine levels in human blood from residents in areas of limited pesticide use in Sudan. Toxicological and Environmental chemistry. DOI 10.1080/02772248. 2015.1031669.
9. Ahmed M.A.Hammad, Oktay Gurkan, Azza Siddig H. Abbo, Azhari O. Abdelbagi, Mark D. Laing. First record of collembolans detoxification enzymes activities exposed to several agrochemicals. Has been accepted to be presented in XVIII. International Plant Protection Congress (IPPC), 24–27 August 2015, Berlin, Germany.
10. Ahmed M.A. Hammad; et al., 2016. Efficacy of camel urine to control tomato leaf miner *Tuta absoluta*; in vivo and in vitro study. Academic Journal of Entomolgy, Accepted
11. Ahmed M.A. Hammad; et al., 2016. Possible control measures of dry bulb mites *Aceria tulipae* (K.)(Acari: Eriophyidae) infesting onion bulbs. International Journal of Acarology. Accepted
12. Ahmed M.A. Hammad; et al., 2016. Biodegradation of chlorpyrifos and malathion by three types of bacteria isolated from pesticides polluted soils in the Sudan. Biodegradation, under reviewer
13. Ahmed M.A. Hammad; et al., 2016. Semi-field Evaluation of the Systemic Activity of Neem Seed Powder against Desert Locust Immatures

[*Schistocerca gregaria* (Forsk.)] (Orthoptera: Acrididae. Journal of Economic Entomology. Submitted

14. Ahmed M.A. Hammad; et al., 2016. Biodegradation of dimethoate by three strains of bacteria isolated from pesticides polluted soils, submitted
15. Ahmed M.A. Hammad; et al., 2016. A Promising Fumigants from Garlic Volatile Oils for the Control of the Cowpea Weevil *Callosobruchus maculatus* (F.) (Bruchidae: Coleoptera). African Journal of Plant and Soil. Under reviewers
16. Ahmed M.A. Hammad; et al., 2016. Levels of Pesticides Residues in the White Nile Water in the Sudan. Environmental Monitoring and Assessment. Accepted
17. Ahmed M.A. Hammad; et al., 2016. First record of collembolans carboxylesterase and glutathione-S-transferase activities exposed to several agrochemicals. Submitted
18. Ahmed M.A. Hammad; et al., 2016. Levels of Pesticides Residues in the Blue Nile and main Nile Water in the Sudan. Submitted
19. Ahmed M.A. Hammad; et al., 2016. Efficacy of Hargel (*Solanostemma argel* (Del) Hayne) shoot extract for the control of the cowpea beetle (*Callosobruchus maculatus*) (Coleoptera: Bruchidae). submitted

Referees

1. Name: Ahmed Hashim

Position: Professor

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2. Name: Hamattu Elshafie abd Elfarag

Position: Associate Professor

Present address: Date Palm Research Centre of Excellence, King Faisal University, Saudi Arabia

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3. Name: Azhari Omer Abdelbagi

Position: Dr. Professor

Present address: Dept. of Crop Protection, Fac. of Agric., University of Khartoum, B. O. Box 32, Khartoum North 13314, Sudan.

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3. Name: Oktay GURKAN

Position: Dr. Professor

Present address: Dept. of Prop Protection, Fac. of Agric., University of Ankara, Postal code: 06110, Diskapi Ankara. **Phone:** (Office) (+90) (312) 5961528

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4. Name: Mark D. Laing

Position: Dr. Professor

Present address: School of Agricultural, Earth and Environmental Sciences, Discipline of Plant Pathology, Rabie Saunders Building, Room 228

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