



السيرة الذاتية

CURRICULUM VITAE

- 1- **NAME:** Mohammed Ahmed Yousif Mohammed ElHajAli .
- 2- **DESIGNATION:** Assistant professor.
- 3- **NATIONALITY:** Sudanese.
- 4- **ADDRESS:** Ministry of higher education and scientific research, Abdulatif Al-Hamad University of Technology, College of Science & Technology , Merowe-Sudan.
- 5- **DATE/PLACE OF BIRTH:** Jan/1st /1958- ElTigeyeh–Managil-Sudan.
- 6- **MARITAL STATUS:** Married of four kits.
- 7- **EDUCATIONAL QUALIFICATIONS:**

Degree	Year awarded	Institution
Bachelor of Agricultural Sciences(crop protection)	March, 1984	University of Gezira Wad Medani–Sudan
Master of Science in crop protection	March, 2003	University of Gezira Wad Medani–Sudan
Diploma of Computer applications	December, 1998	computer Hall Institute Wad Medani–Sudan
Assistant professor	Date of promotion 24/7/2011	Merowe technical college
Ph.D in crop protection	Oct., 2015	University of Dongola

MSc. THESIS TITLE: Effects of spraying heights on the application of ULV and EC insecticides formulations against some cotton insect pests in the Gezira Scheme.

Courses Taken: Pesticides application, Phytopathology, Population dynamics, Experimental design, Economics entomology, Weeds and weed control, IPM, Vertebrate pests, Insect taxonomy, Morphology and physiology, Biological control, Pesticides, Toxicology, Breeding for pests and diseases resistance, Efficiency and economics of crop protection, Seminar,.

- 8- **LANGUAGE SKILLS:** Indicate competence on scale of 1–5 (1=basic, 5 excellent):

Language	Reading	Speaking	Writing
English	5	4	5
Arabic	5	5	5

- 9- **PROFESSIONAL EXPERIENCE:**

a- May, 1984 – Oct, 1987:

Field inspector at the Gezira Scheme-Sudan:

Responsibilities:

- Monitoring of land preparation, sowing of crops, irrigation, sanitary measures, supplementary hand weeding, harvest of the cultivated crops (Dura, Groundnut Cotton and Wheat) mainly the picking of cotton seed, the pulling of the cotton stalks and the clean-up of plant debris.
- Organize and facilitate farmers (tenants) group meetings, demonstrations and field days.
- Train innovative farmers on the identification of the new recommended practices.
- Prepare progress and annual reports for the submission to the group manager.

B – Oct, 1987 – Feb, 2000

Assistant group entomologist at Gezira Scheme

Responsibilities

- Surveys, monitoring and supervision of the field clean-up campaigns before the beginning of the season.
- In collaboration with the field inspectors, coordinate a multidisciplinary team for the application of herbicides to the areas intended to be sown with cotton, groundnut and dura.
- Surveys for the evaluation of the efficacy of herbicides applied to cotton areas.
- Regular surveys of cotton and wheat insect pests throughout the season.
- Execution of rat and clean-up campaigns (twice a year).

C – Feb, 2000 – March, 2003:

MSc courses and field research work at the Gezira University and Gezira Scheme, respectively.

d –March, 2003 – Dec, 2003:

Group Entomologist at the Gezira Scheme.

Responsibilities:

- Train technical labors and farmers on the identification of insect pests, diseases and natural enemies for cotton and associated crops.
- Participation in a multidisciplinary team in the group activities including training seminars, field days and field cultural practices monitoring and evaluation.
- Organization and preparation for the execution of the clean-up and rat campaigns
- Tractors calibration for the application of herbicides during the season.
- Calibration of aircrafts and ordering for the application of insecticides on cotton after the investigation of intensive surveys of insect pests.
- Supervision, receiving and monitoring of herbicides and insecticides in the stores, airports and their application in the fields.

- Analysis and evaluation of the results obtained from the application of herbicides and insecticides during the season.
- Monthly and annual reports to the plant protection manager with a copy to the group manager.

e- Jan, 2004 – 31/3/2008: Researcher (weed Scientist) at Kenana Sugarcane Research and Development Center. The responsibilities are :

- Intensive investigations in weed flora and competitiveness.
- Conduction of intensive weed surveys to identify weed species in the Estate.
- Intensive surveys of the parasitic weeds inside and outside the Estate.
- Develop control strategy to alleviate damage caused by the parasitic weed *Striga hermonthica* on sugarcane.
- Employ growth regulators to control flowering and ripeners to increase sugar yield in cane.
- Seasonal herbicides screening trials to test the newly introduced herbicide molecules or the generics of the already recommended herbicides for the control of weeds in sugarcane.

f- June -2008- to 6/6/2015 : Merowe technological college.

- A Lecturer in Merowe technological college.
- Students affairs responsible from July 2008 – May 2012.
- A member of the College Council.
- A supervisor of some students graduation projects (yearly).
- Responsible of Unit Self-evaluation and quality from July 2008 – May 2012.
- Responsible for academic affairs from 10/3/2014-6/6/2015.

g-June-2015 – up to date: Abdulatif Al-Hamad University of Technology, College of Sciences & Technology , Merowe-Sudan.

- **Teaching the following courses:**
 - i-Weeds and their methods of control
 - ii-Economic insect pests.
 - iii- Honey bee keeping.
 - iv- Plant pathology.
 - v- Keeping and storage.
 - vi-Agricultural products quality.
 - vii-Medical entomology and medicinal plants.
 - viii- Biology and Cell biology in medicine.
- Deputy academic affairs responsible(June-2015 - 28/2/2017).
- Academic Operations Admin. Manager (June-2015 - 28/2/2017).

10- INTERNAL COURSES AND WORKSHOPS:

- Course of (Pesticides application) held in the Faculty of Agricultural sciences University of Gezira from 28-12- 1989 to 6-1-1990.
- A workshop of (Integrated Pest Control) organized by the Integrated Pest Management Project of the Food and Agricultural

Organization and the Agricultural Research Corporation at Wad Medani,23-26 Feb.1992.

- Training course on (Biological control) organized by the Integrated Pest Management Project of the Food and Agricultural Organization and the ARC at Wad Medani,22-23 Feb.1998.
- Seminar of tasks and duties of smart Calendar units: at Jereif Tech. college , Khartoum:26/6/2008.
- Strategy of quality and success in light of the long practice of Total Quality, Borg Elfatih– Khartoum : 17- 19 Jan. 2010.
- Performance evaluation and teaching methods. May 2011.
- Total quality and excellence 14-16 May 2012 at Merowe tech. college.
- Excellence Assessor Course. 24-26 July 2012.
- Strategic planning 26-27 July 2012.

11- PAPERS PRESENTED AND RELEASED:

- Yousif,M.A.,(2006). Effects of Dual Gold 960EC(s-metolachlor) plus Gesaprim 90WG (atrazine) on weed control and yield components of sugarcane in Kenana ,Sudan. 74th meeting of the pests and diseases committee, June, 2006 – ARC – Wad Medani ,Sudan.
- Yousif,M.A.,(2007). Evaluation of Pendimight 50EC (pendimethalin) in mixture with Gesaprim 80WP (atrazine) for weed control in sugarcane in Kenana, Sudan. 76th meeting of the pests and diseases committee, June, 2007 – ARC – Wad Medani ,Sudan.
- The effects of essential oil and water extracts from some medicinal and aromatic plants on colony growth of *Fusarium oxysporum. f. sp. Ciceris*, *Fusarium solani. f.sp. ciceris* and *Alternaria alternate in vitro* at 10, 20, and 30% concentration (May, 2016).
- The effects of essential oil and water extracts from some medicinal and aromatic plants on colony growth of *Curvularia lunata* ,*Drechslera sp.* And *Macrophomina phaseolina in vitro* at 10%, 20%, and 30% concentration (May, 2016).
- The effects of some medicinal and aromatic plant residues on wilt and/ or root rot disease complex incidence and mortality of chickpea (*Cicer arietinum* L) Plants grown in pots in greenhouse (May, 2016).
- The effects of residues from certain medicinal and aromatic plants on wilt and/or root rot disease incidence of chickpea (*Cicer arietinum* L.) plant growth & grain yield in the field (May, 2016).

12- A member of the Sudanese agricultural engineers union.

13- A member of Examinations central committee.

14- A member of the university publishing and scientific research committee.