

CURRICULUM VITAE

TITLE & PROFESSION:

Assistant Professor, technical manger in central Agricultural Pesticides Lab. Agriculture Research Center Ministry of Agriculture, Egypt

QATAR : Expert and Consultant for Pesticides Quality Central Agricultural Lab. Ministry of Environment from 2011



1. PERSONAL DATA

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| Name | Elsayed Mohi El-Din Farag |
| Date of birth | 24 June 1968 |
| Place of birth | Giza- Egypt |
| Nationality | Egyptian |
| Marital state | Married with three child |
| Military service | non |
| Languages | Arabic (excellent language) English spoken and written (Very good) |
| Home address | Nuija- El Helal Rowda Compound- Vila 9 D- Ring Road |
| Work address | Central Agricultural Lab. Pesticides Quality Lab. |
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2. ACADEMIC DEGREES:

- **Assistant Professor, Ass. Prof., Pesticides Formulation (2009),**
Agriculture Research Center, Ministry of Agriculture, Cairo -Egypt.
- **Doctor of philosophy, Ph.D., Pesticides chemistry (2002),**
Faculty of Agriculture, Cairo University - Egypt.
Thesis title
STUDIES ON BIOACTIVE COMPOUNDS ISOLATED FROM SEA ALGAE
- **Master of Science, M.S., in Pesticides chemistry (1996),**
Faculty of Agriculture, Cairo University - Egypt.
Thesis title PLANT EXTRACTS AND THEIR EFFECTS AGAINST *Sitophilus oryzae* (L.)
AND *Sitophilus granarius* (L.)
- **Pre-Master studies in pesticides chemistry (1990),**
Faculty of agriculture, Cairo University - Egypt.
- **Bachelor of economic insects and pesticides, B.Sc., in pesticides chemistry (Very good) (1990),**
Faculty of Agriculture, Cairo University - Egypt.

Quality Assurance Manager at Jan 2005 – present.

For pesticides containers and Labeling
Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

Technical Manager Deputy at 2007 –present

Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

Quality Assurance Manager Deputy at July 2003 – Jan 2004.

Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

Non-Exclusive Technical Assessor at OCT. 2005 - Present.

National Laboratories Accreditation Bureau (NLAB), Egypt

Assistant Professor at Dec. 2009– Present.

Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

Pesticide Registration at 1993-1997.AND 2003-2007

Work with team of Registration, Handling and Use of Pesticides in Egypt and its executive Manual. In this work, the International code of conduct on the distribution and use of pesticides and other FAO relative guidelines were used as baseline.

Researcher at Aug. 2002- Dec 2008.

Pesticides formulations Department
Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

Researcher Assistant at Mar.1998 – July 2002.

Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

Agronomist at 1990- aug.1996.

Pesticide formulation Dept., Central Agricultural Pesticides Lab - Agricultural Research Center-Egypt.

4. JOB DESCRIPTION:

Agronomist at 1990 - 1996.

Pesticide formulation Department, Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.
Duties entailed physical – chemical properties, natural products, mineral oils and analysis by using GLC , HPLC,

Researcher Assistant at 1998- 2002.

Central Agricultural Pesticides Lab, Agricultural Research Center-Egypt.

- New types of formulation SC against citrus nematodes
- Compatibility between different formulation types of pesticides .
- Perform method on physico-chemical pesticides formulations :
 1. Soxhelt extraction for natural products in marine organisms.
 2. Ultraviolet Spectrophotometer (UV) determination of Carbendazium and Thiobendazole pesticides in vegetables and fruits by CEN methods.
 3. Viscometer to determination viscosity of pesticides formulations.
 4. Tensiometer to determination surface tension
- Chromatography methods TLC, and Column chromatography

Researcher at 2002- Dec. 2008.

Pesticides formulation Section , Pesticide formulation Dept., Central Agricultural Pesticides Lab - Agricultural Research Center-Egypt

- I have shared in establishment of pesticides formulation different types section on September 1999, my duties entailed measurement physico - chemical properties Organophosphors, carbamates , chloropyrofos.compounds
- As Melting point , I was responsible for the operation and maintenance of data presented in order to measurement finger print
- Perform method for the impurities found in pesticides formulation
 1. Refractive index for total soluble solid in fruits (TSS)
 2. pH meter to know the different from Acidic , alkaline pesticides
 3. Melting point for finger print
- Responsible for preparation and QC of all packages standards for pesticides containers.

Technical Manager Deputy at 2007- present.

Pesticide formulation Dept., Central Agricultural Pesticides Lab - Agricultural Research Center-Egypt.

- Control Charts check for physico – chemical properties of pesticides entire lab.
- Internal training program follow for all analyst staff.
- Write of four Standard Operating Procedure (SOP) and revision of other to ensure the methods are consistent ISO 17025.
- Participate and implement for the Monitoring Plan of Food contaminants in the Lab.
- Ensure all solvents, chemicals and spare parts with high quality before using.
- Follow up of all technical requirements as:
Personnel, Accommodation and environmental conditions, Test and calibration methods and method validation, Equipment, Measurement traceability, Sampling, Handling of test and calibration items, Assuring the quality of test and calibration results and Reporting the results.

Non-Exclusive Technical Assessor at 2002 - Present.

Egyptian National Laboratory Accreditation Bureau (NLAB)

As non-exclusive technical assessor , Egyptian National Lab Accreditation Bureau (NLAB) are sub-contracting me to work within their assessment team to evaluate the compliance of their clients (Asking for Accreditation) with the technical requirements of the international standard ISO/IEC 17025:2005.

5. TRAINING COURSES:

- 1 **Assessment of agricultural pesticides, Central Laboratory for Pesticides 22/8-1/10/1992**
- 2 **Sampling Techniques for the Analysis of Chemical Contaminants In Food.**
Central Agricultural Pesticide Lab- Egypt, January 22-26, 1995.
- 3 **Scientific writing on the draft NARP and USAID 8-12/5/1994**
- 4 **Abstracts of natural and how to obtain them and use them in the field of pest control.**
Central Agricultural Pesticide Laboratory, 1997
- 5 **Training course for the development of the skills of researchers in the use of the Internet and information technology for scientific research,** the National Library in the period 17-18/6/2003
- 6 **Training program in integrated pest management and reduce environmental pollution,** plant Baroud lake 6-20/4/2004
- 7 **Scientific writing on the draft NARP and USAID 8-12/5/1994**
- 8 **The use of computers in the field of statistics test.** Central Laboratory for Research Design and Statistical Analysis, 2004
- 9 **American University English Language (TOEFL) 1992** a very good grade 373 degrees
- 10 **Assessment and analysis of pesticides and estimation of their effects on the soil remaining** Central Laboratory for Pesticides 8-12/8 / 2005.
- 11 **For the training program entitled pesticides and Uses,** the Central Laboratory for Pesticides 5-16/3 / 2005
- 12 **Scientific Writing.**
Center of Press and Publishing – Cairo university, 11-16 October 2003.
- 13 **Enabling activities to facilitate early action on the implementation of the Stockholm Convention on Persistent Organic Pollutants (POPs).**
Egyptian Environmental Affairs Agency (EEAA), Cairo-Egypt, 05-06 April, 2004.
- 14 **Enabling activities to facilitate early action on the implementation of the Stockholm Convention on Persistent Organic Pollutants (POPs).**
Egyptian Environmental Affairs Agency (EEAA), Cairo-Egypt, 13-19 Dec., 2004.
- 15 **ISO/IEC 17025:**
“General Requirements for the Competence of Testing and Calibration Laboratories”
International Organization Standard and Egyptian Organization of Quality and Standardization, ISO/EOS Workshop, Cairo-Egypt, 06 Dec., 2005.
- 16 **Specialized training course in the Internal Audit for ISO 19011** in the period 4-5 / 11/2006
- 17 **Management of disposal of waste pesticides. Validity of pesticide containers and safe disposal of 17-21/9 / 2006.**
- 18 **FAO/IAEA/WHO regional training workshop on sampling for pesticide residues analysis of vegetables and fruits**
Organizes by FAO/IAEA/WHO middle east countries with Ministry of Environment & Water in Alain, United Arab Emirates 21-25/6/2009.
- 19 **Course of specialized training in the field of control of the circulation of pesticides 2006.**
- 20 **The use of modern biotechnology in the molecular characterization of medicinal and aromatic plants and production of alkaloids and volatile oils.** National Center for

- 13 **Industry conference, the first plastic explosive Fair Ground in Cairo, 2005**
- 14 **Second Congress of the industry Allastic Fair Ground in Egypt, 2006**
- 15 **Third scientific conference Plant Protection Institute, participants examined, 2008.**
- 16 **Scientific Symposium on the pesticide containers company Syngenta Sheraton Cairo 2009.**

- 17 **Conference towards the production of safe food Industry Modernization Center, Ministry of Industry and Commerce, Cairo, 2009.**

7. Experiences

1. **Plant extracts as one of the natural alternatives to pesticides, 1997.**
2. **Holds on testimonies from experience in the assessment of pesticide formulations - examine and assess the physical properties of pesticides - toxic bait processing of some private companies - Study of the natural properties of materials and diluted carrier and additions - Processing Plant Extracts Cosmetics - mineral oils - mixtures of pesticides and study compatibility with natural fertilizers in the period from 25 / 1/92- 9/12/1998.**
3. **The use of biotechnology in pest control, Faculty of Agriculture, Cairo University, 1999.**
4. **The Conference of the Central Laboratory for Pesticides Pesticides uses and effects the first International Center for Agriculture 2001.**
5. **Recent trends in pest control, Faculty of Agriculture Cairo University 2002**
6. **Delegate guide for the Central Laboratory of pesticides since 2002 to 2007.**
7. **Participate in the processing suite and Ministry of Agriculture - Central Laboratory for Pesticides Exhibition Cairo International Fair Ground, 2003.**
8. **Participate in the processing suite and Ministry of Agriculture - Central Laboratory for Pesticides Exhibition Cairo International Fair Ground, 2004.**
9. **A member of the draft safe disposal of pesticides, commissioned by the President of the services sector the Ministry of Agriculture and prime central administration to control pests, 2005.**
10. **Lectures on the use of marine algae in the field of pest control - Lake 2004.**
11. **Lectures on the rational use and how to use modern machinery and spraying pesticides in 2005**
12. **Shed many lectures in the training program for dealers of pesticides with the associations concerned in the period from 2005-2007.**
13. **Participate in the processing suite and Ministry of Agriculture - Central Laboratory for Pesticides Market Exhibition Cairo International Fair Ground, 2005.**

8- Other experiences

I: - The areas of biological evaluation and field trials

- 1 - holds a number of advanced courses in assessment, pesticides, fertilizers and pest control at the University of Cairo - as well as the Agricultural Research Center - and the experimental stations
- 2 - knowledge of all systems of modern farming (planting desert land - roads, irrigation systems, evaluation methods and programs control pests - fertilization plans and programs, as fertilization rates and types of fertilizer, land and other - types of modern agriculture)
- 3 - Diseases of plants and methods of identification and prevention of the development Strategic control for her
- 4 - supervisor of a large number of farms in areas such as modern Nubareya - Sadat - Salhea - Elsaf - Esharqia - Ten of Ramadan - Sinai - Owaynat – Toshka
- 5 - good knowledge of types of seeds, fertilizer and seed and hybrids of agricultural field crops, whether or trees, orchards and other agricultural production
- 6 - one of those designing strategies for controlling the fruit fly and fly olive, Peach in Egypt
- 7 - supervisor of the economic crops in some agricultural companies in Egypt
- 8 - existing oversee the production of viable alternatives to pesticides and their use in biological crops for export

II- pesticides, legislation and methods of registration and application

- 1 - Pesticides are a group of chemical formulations designed to hold and control or prevention of the scourge and divided into specific insecticides, and fungicides and Nematicides, Acaricides and herbicides, etc. There are also many cosmetic chemical pesticides, including dry formulations - granules - Cosmetics streams such as oils, as well as liquid formulations, including liquid and emulsifiable formulations and cosmetics in the form of suspensions and toxic bait
- 2 - knowledge of all kinds of pesticides by a specialized scientific methods in terms of treatment and control rates of use - methods of chemical analysis of samples - trading methods - work files for the various compounds and chemical groups include manufacturing and country of origin - Trading - Experimentation - permit trading - Import - toxicity studies - Certificates analysis and import approvals from different bodies, according to the Central Laboratory for practical as well as pesticide regulators
- 3 - Legislation and measures include the former next to the preparation of the registry files of the compound traded commercially after a testing and registration steps before agreeing to him import and trading
- 4 - proficiency in dealing with agricultural companies, Egyptian and foreign companies operating in the field of pesticides and their formulations and all the different types of packaging and packing methods and manufacturers of pesticides, whether international or domestic

10 - Contribute to the manufacture of some pesticides for some local companies, such as pesticide copper fungal Crunch 10% - Pandl 60% - Delcap 8% and Tasulin 75%

IV: - production units and the Ministry of Agriculture and the regulatory environment, industry

1 - Responsible for studying the natural finger print of pesticides for registration in Egypt and the prevention of commercial fraud and pesticide registered it without the manipulation of structure and efficiency in the re-evaluation and post-import registration certificate and a desire to renew the certificates of trading for a new must be the same specification that is recorded by chemical compound.

2 - Supervisor of the Quality Unit pesticide containers Central Laboratory for pesticides.

3 - Official quality pesticide containers for all companies operating in Egypt - and importing countries.

4 - General Coordinator of the pesticide containers in Egypt and the European Union

5 - Specifications of industrial and commercial, which should be available in pesticide containers to prevent fraud and maintain the quality of pesticides and protect from damage

6 - The relative safety of pesticide containers and proper disposal of waste after use

7 - Based on the unit overseeing the production of mineral oils, pesticides and alternatives to the central laboratory

8 - Existing and overseeing the actual manufacture of the existing materials that attract fruit fly control

VI: - Training and technical supervision and service companies, research centers and production plants

1 - We work system and to give orientation sessions, lectures and seminars stations in the governorates and the different experiences of agricultural engineers and farmers, extension and education on ways of dealing and trading and use of pesticides and spraying methods - bio fertilizers, pesticides and alternatives to modern farm produce as well as supervisors and supervisors of laboratories and factories

2 - General Supervisor of the examination traders pesticides Central Laboratory for Pesticides

3 - Lecturer with the International Federation for Training on safe use of pesticides - toxic trash - and the disposal of pesticide containers after use - obsolete pesticides in strategic stores and methods of proper disposal of waste and the disposal of side effects and problems of environmental

4 - Lecturer by the National Accreditation Council Egypt (EGAC), where I am technical director of the ISO 17025 Central Laboratory in terms of quality laboratories.

5 - Lecturer with UNIDO, a project of international cooperation to track pesticides in crops

El-Kady, A. M. A.; Farag, E. M. A.; Hussin, M. A. and H. M. El-Torkey. Egypt. J. Appl. Sci.,24 (3) 2009

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- **Publication under Publish :**
 - Liquid formulations and their effects against HDPE plastic Packages
 - Mineral oils using to control Mango pests in Ismalia.
- **Professional Affiliations:**
 - Member of Egyptian Bulletin Society Egypt.
 - Assistant Auditor for the Journal of Food, Agriculture & Environment JFAE and International Society of Food, Agriculture and Environment at Mansoura faculty , Egypt. Egyptian Journal of Agricultral Research. Eygypt.
- Member of the Syndicate of agricultural
- Member of the Association of Agricultural Chemistry and environmental protection.
- Member of the Egyptian Association of insects.
- Member of the Foundation on hospitals (International Center Arab regional) lecturer.

11. PROJECTS:

- 1-The draft safe disposal of obsolete pesticides in cooperation with the Ministry of Environment 2005.
- 2- Quality control of Package Company in Egypt 2008

DR.SAYED FARAG

A. RESEARCH

CENTRAL AGRICULTURAL PESTICIDES LAB.