

CURRICULUM VITAE



Name : Razzaq Gh. Neghamish
Date and Place of Birth : 1962, Thi-Qar, Iraq
Nationality : Iraqi
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Occupation : Soil Microbiology Assist. Professor
:College of Agriculture Thi-Qar UNI., Iraq.

Qualifications

A-Universities:

- **Ph.D. Soil Science, Faculty of agriculture, Basrah University, Iraq, 2012;**

Title of Thesis:

FIELD EVALUATION FOR EFFECIENCY OF PLANTS EXTRACTS AND SOME CHEMICAL INHIBITORS IN INHIBIT OF UREASE ENZYME ACTIVITY FERTILIZER SOIL WITH UREA AND EFFECTED ON GROWTH OF CORN PLANT (Sorghum bicolor. L.) Degree of Doctor of Philosophy In ((Soil Science –Soil Microbiology)) College of Agriculture, University of Basrah -2012.

- **M.Sc. Soil Science, Faculty of agriculture, Basrah University, Iraq, 1985.**

Title of Thesis:

Efficiency of different strains & native isolates of Rhizobium meliloti in nitrogen fixation & their effecting by some environmental factors.

- **B.Sc. Soil Science, Faculty of agriculture , Basrah University, Iraq, 1982**

B-Diplomas:

- Training course on water quality managements for one month in Shiga .Japan **2004.**
- Training course for computer languages ,National Agricultural Research Project, **Basrah Uni.**, (with grade excellent), 2005.
- Training research course for 1 month in scientific research centre , Baghdad University, **Iraq, 1982 .**
- Training cours
- e for 3 weeks in “ Soil Measurements”, Italian. Berogi University ,**Italia, 2006.**

Scientific visits :

- Consultant visit for two weeks at the Ministry of Agriculture , **Japan**, 2004.

Courses teaching to under graduated students :

- 1- Soil microbiology.
- 2- Industrial and food microbiology
- 3- Pure microbiology.
- 4- Alage .
- 5- Philosophy.
- 6- Geology.
- 7- Agriculture Area
- 8- Plant nutrition.
- 9- Principle of soil .

Courses teaching to graduated students :

- 1- Advanced Micro environmental .
- 2- Advanced soil microbiology.
- 3- Chemical and biological organic matter.

Languages

- English
- Arabic

Summary of Experiences:

- **Implement activities in integrate soil – water management including :soil physics ,soil chemistry, soil fertility and soil moisture conservation.**
- **Advise on soil and plant nutrition and interpretation of soil data pour management options**
- **Analysis, develops and implement of services programs in the field of soil – water management.**
- **Analysis and requirement for soil and water pour suitable crops.**
- **Develop technical guidelines, training materials, participate in and conduct training courses, in the field of soil – water management.**
- **Teaching courses (soil management - water management - soil physics – soil chemistry - soil fertility – soil water relations - agricultural irrigation -agricultural drainage - irrigation water quality – soil conservation – plant nutrition) in Iraqi universities.**
- **Testing and requirement of management practices for soil and water.**
- **Participate in technical meetings and workshops on issues related to the soil – water management with focus on soil problems.**
- **Analysis technical issues, compile and maintain database on appropriate technologies for soil – water management.**
- **Prepare background information and technical papers for soil – water management and soil problems.**

- **Evaluate irrigation and drainage systems.**
- **Prepare issues research papers on field of soil – water management.**

Memberships

- Journal of scientific marshes.
- Iraqi Journals Applied Science
- Agricultural Research Review, Iraq.
- Environmental office Thi- Qar
- Assuit Journal of Agricultural Science, Iraq.

Work Experiences

2004 – 2008: Consultant for the College of Science .

2008 – now: Consultant for the College of Agriculture .

2-Designed and trained programmes on **the soil-water testing (analyses – requirements)**, including :PH, nutrient deficiencies and determination of fertiliser and lime needs and **the agricultural modernisation** ,including :soil management ,source and storage of irrigation ,water management ,irrigation methods and computer soft wares for crop water requirement and irrigation design.

3-Designed and evaluated sprinkler irrigation systems at Thi Qar province.

4-Tested soil and water (analyses & requirements) and suitable crops ,the most outstanding analyses .

Background

Interests include, football, gardener, and reading.

List of Publications

- 1- Effect of different fungicides on transformation of nitrogen in soil.
- 2- The effect of aqueous plant extracts and chemical compounds thiosulphate ammonium (ATS) and hydroquinone (HQ) upon Ammonia volatilization .
- 3- Competition between introduced strains and native Iraqi isolates of Rhizobium meliloti. Zentra 61.Mikrochim(4)(1986),591-595.
- 4- Evaluation of specificity of irrigation water and soil with salinity at marches of Iraq.
- 5- Study of the physical and chemical properties of water, sediments and soil of Thi-Qar Marshes.
- 6- The effect of phosphorus fertilizer on growth properties and yield of broad bean vicia faba L. treated with isolates of symbiotic nitrogen fixing bacteria Rhizobium leguminosarum.
- 7- Effect of insecticide carbaryl 10D on the number and activity of Fungi and Bacteria in soil.
- 8- Study of concentration of heavy metals in the soil besides Euphrates River .
- 9- Study of the physical and chemical properties of water, sediments and soil of Euphrates river in Nasirya City.
- 10- Study of suitability of Euphrates river in Nasirya City at four seasons 2005-2006.
- 11- Study of escaping suitability of AL-Chabaish and Al-Humar lands on the right Euphrates river for growing wheat (Triticum aestivum L.).

12- The study demonstrated effect of NaCl, Na₂SO₄, CaCl₂, CaSO₄, MgCl₂, MgSO₄, KCl and K₂SO₄ on the a count of Rhizobium leguminosarum presence in loam soil.

DUTIES AND RESPONSIBILITIES:

- 1-Implement activities in integrate soil-water management including : soil physics ,soil chemistry, soil fertility and soil moisture conservation.
- 2-Analysis, develop and implement of services program's in the field of soil –water management.
- 3-Advise on soil and plant nutrition and interpretation of soil data for management options.
- 4-Analysis and requirement for soil and water for suitable crops.
- 5-Develop technical guidelines, training materials, participate in and conduct training courses, in the field of soil -water management.
- 6- Teaching courses (soil management - water management - soil physics – soil chemistry - soil fertility – soil water relations - agricultural irrigation -agricultural drainage - irrigation water quality – soil conservation – plant nutrition) in Iraqi universities.
- 7-Testing and requirement of management practices for soils and water.
- 8-Participate in technical meetings and workshops on issues related to the soil-water management with focus on soil problems.
- 9-Analysis technical issues, compile and maintain database on appropriate technologies for soil -water management.
- 10-Prepare background information and technical papers for soil -water management and soil problems.
- 11-Design,evaluate and monitor for water harvesting systems.
- 12-Prepare issues research papers on field of soil –water relationship.

QUALIFICATIONS AND EXPERIENCE ESSENTIAL:

- 1-Ph.D., M.Sc., and B.Sc. in the field of soil science, with particular relevance to soil - water management.
- 2-Two year's minimum(after Ph.D.) with professional experience in developing and implementing soil-water management.
- 3-Courtesy, tact and ability to establish and maintain good working relationships with people of different national and cultural background.