

C.V

Personal data

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Statement of present work:

Name of institute : Rice Research & Training Center(RRTC)-Field
Crops Res. Institute(FRI)-Agriculture research
Center (A.R.C)
Division : Rice Breeding, Cytogenetics, Tissue Culture
and biotechnology lab.

Position : Doctor Researcher

Brief description of duties: I am working as inbred and hybrid rice breeder in rice research & training center. My area of interest is conventional breeding, molecular genetics, cytogenetics and tissue culture mainly for apomixis, salt, drought and heat tolerance as well as collect genetic sources, bioinformatics and biotechnology.

Education:

Date	Level	a working institution
1994	B. Sc. (Genetics)	Tanta Univ. Egypt
2000	M.Sc (Genetics)	Tanta Univ. Egypt
2011	Ph. D (Genetics)	Mansoura Univ. Egypt

Language proficiency:-

Mother tongue : Arabic

English proficiency:-

Reading : excellent

Listing : excellent

Speaking : excellent

Writing : excellent

Training:

Title	Location	Date
Hybrid rice technology.	Rice Research & Training Center – Sakha – Egypt	August 25 th to 30 th 2001
Applications of molecular marker in rice breeding.	Rice Research & Training Center - Sakha – Egypt	October 20 th to 26 th 2005
Improvement of field crops under abiotic stresses (salinity – drought – temperature).	Sakha Agriculture Station – Sahka - Egypt	February 12 th to 19 th 2012
Statistical and genetical analysis by using SAS software.	Field Crops Research institute –Giza - Egypt	April 14 th to 18 th 2013
Culturing techniques of paddy rice.	Jiangxi provincial association for international agricultural exchange – Nanchang – China	September 3 th to 14 th 2013
Crop management under saline soil and water with climate change	Sakha Agriculture Station – Sahka - Egypt	December 15 th to 19 th 2013
Training Of Trainers (TOT)	Sakha Agriculture Station – Sahka - Egypt	March 9 th to 13 th 2014

Publications:

Title	Name of publication	Year
Molecular and morphological variations of some cytoplasmic male sterile lines and their maintainers in rice.	J. Agric. Res. Tanta univ.,30 (3) 675 - 704	2004
Cytological and biochemical variations of some cytoplasmic male sterile lines and their maintainers in rice.	J. Agric. Res. Tanta univ.,3(1) 54 - 71	2005
Genetical studies on combining ability for yield and its components traits in hybrid rice under normal and saline conditions.	J. Agric. Chemistry and Biotechnology, Mans. Univ., Vol. 1 (9): 497 – 510	2010
Identifying the most appropriate methods and times of addition potassium fertilizer for rice Egyptian hybrid one.	J. plant production, Mans. Univ., Vol. 2 (12): 1667 - 1686, 2011	2011
Maximizing rice productivity by algalization under water deficiency.	J. plant production, Mans. Univ., Vol. 3 (12): 3011 – 3026	2012
Adjusting doses and splitting of nitrogen fertilization for Egyptian hybrid 1 rice variety under broadcasting seeded rice for optimum yield.	J. plant production, Mans. Univ., Vol. 4 (2): 287 – 312	2013

Activities:-

- Modified isolation method for mitochondrial rice genome.
- Detection nine fragments in mitochondrial rice genome.
- Identification of some hybrids rice tolerant for salinity.
- Development new technique to obtained homolog genetic structures from F1' S generation through one year.
- Development new technique to induction apomixes in rice and preservation on the same amount of heterosis through different generations.
- Constructed some rice hybrids with short and bold grains.
- Sharing in producing some rice cultivars that growing under normal and saline soils.
- Lecturer in rice technology transfer and training component for local and international trainers.
- Member of scientific staff for Egypt national rice research program.
- Staff member of biotechnology and tissue culture researches in rice research & training center.
- Director of rice cytogenetics and histology lap.