Faculty of Agriculture
Department of Agricultural Botany

Curriculum Vitae

PERSONAL DETAILS

Name	**Reham Elsayed Farag Hassan**
Surname/or/official name in the publications	**Reham, E. Farag**
Title	Dr.(Lecturer of Agricultural Botany, Fac. Agric. Ain Shams University)
Gender	Female
Address	Department of Agricultural Botany; Faculty Of Agriculture - Ain Shams University , Shoubra El Khaymah, Cairo, Egypt
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Email :	Reham-Hassan@agr.asu.edu.eg
Date of birth	2/8/1986 Cairo, Egypt

EDUCATION

Faculty/University/Other	Degree obtained	Dates (from-to)
Ph.D. in Agricultural Sciences (Agricultural Botany), Department of Agricultural Botany, Faculty of Agriculture, Ain Shams University, Cairo, Egypt.	**2019**	**20014-2019**
M.Sc. in Agricultural Sciences (Agricultural Botany), Department of Agricultural Botany, Faculty of Agriculture, Ain Shams University, Cairo, Egypt.	**20012**	**2008-20012**
B.Sc. in Agricultural Sciences (Very Good), Department of Plant pathology, Faculty of Agriculture, Ain Shams University, Cairo, Egypt	**2007**	**2004-2007**

EMPLOYMENT HISTORY

Employer	Position	Dates (from-to)
Fac. Agric. Ain Shams University, Dept. Agric. Botany, Cairo Egypt	Lecturer of plant physiology	**2019-until now**
Fac. Agric. Ain Shams University, Dept. Agric. Botany, Cairo Egypt	Assistant professor of plant physiology	**20012-2019**
Fac. Agric. Ain Shams University, Dept. Agric. Botany, Cairo Egypt	Demonstrator	**2008-20012**

List of Publications

1- Roles of Exogenous alpha-Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat
Published: Nov 2021 in Plants
DOI: 10.3390/PLANTS10112318

2- Morpho-Anatomical and Biochemical Characterization of Embryogenic and Degenerative Embryogenic Calli of Phoenix dactylifera L
Published: Oct 2021 in Horticulturae
DOI: 10.3390/HORTICULTURAE7100393

3-Protective Effect of gamma-Aminobutyric Acid Against Chilling Stress During Reproductive Stage in Tomato Plants Through Modulation of Sugar Metabolism, Chloroplast Integrity, and Antioxidative Defense Systems
Published: Oct 2021 in Frontiers in Plant Science
DOI: 10.3389/FPLS.2021.663750

4- Hydrogen Peroxide Supplementation in Irrigation Water Alleviates Drought Stress and Boosts Growth and Productivity of Potato Plants
Published: Jan 2021 in Sustainability
DOI: 10.3390/SU13020899

5- Exogenous gamma-aminobutyric acid (GABA)-induced signaling events and field performance associated with mitigation of drought stress in Phaseolus vulgaris L
Published: Feb 2021 in Plant Signaling and Behavior
DOI: 10.1080/15592324.2020.1853384

6- Influence of Polyethylene Glycol on Leaf Anatomy, Stomatal Behavior, Water Loss, and Some Physiological Traits of Date Palm Plantlets Grown In Vitro and Ex Vitro
Published: Nov 2020 in Plants
DOI: 10.3390/PLANTS9111440

7- Melatonin Counteracts Drought Induced Oxidative Damage and Stimulates Growth, Productivity and Fruit Quality Properties of Tomato Plants
Published: Oct 2020 in Plants
DOI: 10.3390/PLANTS9101276

8- Regulation of Agronomic Traits, Nutrient Uptake, Osmolytes and Antioxidants of Maize as Influenced by Exogenous Potassium Silicate under Deficit Irrigation and Semiarid Conditions
Published: Aug 2020 in Agronomy
DOI: 10.3390/AGRONOMY10081212

9-Taxonomic Significance of The Leaf Geometric and Micrometric Attributes in The Discrimination of Some Cultivars of Mangifera indica L.(Anacardiaceae)

Published: November 2020 in Egyptian Journal of Botany
DOI: 10.21608/EJBO.2020.40870.1550

10- Effect of putrescine application on some growth, biochemical and anatomical characteristics of Thymus vulgaris L. under drought stress.

Published: December 2019 in Annals of Agricultural Sciences
https://doi.org/10.1016/j.aoas.2019.10.001

11- IMPACT OF DROUGHT STRESS ON SOME GROWTH, BIOCHEMICAL AND ANATOMICAL PARAMETERS OF *Thymus vulgaris* L.

Published: March 2019 in Arab Universities Journal of Agricultural Sciences
DOI: 10.21608/ajs.2019.43065

12- Ola, H. Abd Elbar, Reham, E. Farag, S.S. Eisa and S.A. Habib (2012). Morpho-Anatomical Changes In Salt Stressed Kallar Grass (Leptochloa fusca L. Kunth) Research Journal of Agriculture and Biological Sciences, 8(2): 158-166

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

* Member of the Egyptian Society for Applicable plant sciences. Benha University

FIELDS OF INTEREST

1. Anatomy of plants under stresses
2. Biotic and Abiotic Stresses Tolerance (especially drought and salinity stress)
3. Plant's Antioxidant systems (enzymatic and non-enzymatic)
4. Crop production under stresses conditions

ADDITIONAL INFORMATION

1- Participating in teaching a number of under and post graduate courses as follow:
General Botany, Applications of Computer Sciences in Agriculture, Bioregulators, Physiological Adaptation and Acclimation mechanisms in the desert plants, Photosynthesis Physiology, Applicable Plant Physiology, Growth and Phytohormones A, Growth and Phytohormones B, Physiology of Plant Pigments, Plant Morphology under stress conditions, Advanced plant physiology, Agricultural geography.
2- Participating in the supervision on several of master and doctoral dissertations in the Agricultural Sciences.
3- Attending many of conferences and workshops related to different aspects in the field of agriculture