



Curriculum Vita

Personal Information:

Full Name:	Dr. Reda Mohamed Youssef Zewail
Abbreviated Name:	Dr. Reda Zewail
Affiliation	Plant physiology, Department of Agriculture Botany, Faculty of Agriculture, Banha University. Egypt.
Address:	13736 Moshtohor, Qalubia, Egypt.
Date of Birth:	September 12, 1983
Gender:	Male
Current position:	Associate prof. of Plant physiology, Department of Agriculture Botany, Faculty of Agriculture, Benha University. Egypt.
Health status	Excellent
Social status	Married and have 2 Childs
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Education:

- Ph.D. (2008–2011)** Ph.D. in plant physiology. Thesis entitled with Inducing cold tolerability in faba bean plants for maximizing its productivity Botany Department Fac. Agric. Benha Univ. Egypt.
- M.Sc. (2004-2008).** M.Sc. in Plant physiology. Thesis entitled with “improvement of wheat productivity by using some biofertilizer and antioxidants” including 14 post-graduate courses in Botany and biochemistry science, a Course in, another in (preparation and writing scientific research) and two special Studies papers courses.
- B.Sc. (2000-2004).** B.Sc. in Plant pathology. Final grad was very Good degree from Faculty of Agriculture, Benha branch - Zagazig University, Egypt.

Position

- Associate prof. of plant physiology Botany Dpt. Fac. Agric. Benha Univ. Egypt. From 2/1/2018.
- Research Associate at soil water and Bioenergy resources south center at Ohio State University. OH. USA 09/2015 until 07/2017.
- Lecturer of plant physiology, Botany Dpt. Fac. Agric. Benha Univ. Egypt. 29/9/2011 until 1/1/2018.
- (2008-2011): Assistant Lecturer: Assistant Lecture (Plant Physiology) (27/1/2008 until 28/9/2011. Botany Dpt. Fac. Agric. Benha Univ. Egypt.
- (2004-2008): Demonstrator: 1/11/2004 until 27/1/2008 in Botany Dept. Fac. Agric. Benha. Univ. Egypt.

Computer skills:

General application: windows system Xp and vista setting, MS (MS word, MS excel, MS PowerPoint and internet explorer, SAS and SPSS) Adobe Photoshop, internet and Endnote program applications.

General skills:

- 1- Laboratory skills for different chemical analysis for soil and plants. Expert in Soil quality tests like (microbial biomass, active carbon, total organic and nitrogen compound).
- 2- Supervisor for some fruits, vegetables and crops farms.
- 3- Member in fertilizer production unit and marketing of agricultural fertilizers, Faculty of Agriculture, Benha University.
- 4-Lab safety training at Ohio state University south centers USA.

Projects:

- CO PI FOR PROJECT FROM PRIMA IN TITLE OF Development of Pumpkin Pulp Formulation using sustainable integrated strategy.
- Co PI FOR VALLUEFARM

Academic Skills:

- 1- Study course in using R studio in statistical analysis at Ohio state university OH. USA.
- 2- Participation in the preparation specific course under and post graduate for Department of Botany, Faculty of Agriculture, University of Benha Egypt.
- 3- Teaching under and post graduate, Department of Agricultural Botany Faculty of Agriculture, University of Benha (Botany - Plant Physiology - Anatomy - plant morphology) and post graduate (Plant Cell Physiology, Physiology of Plant Nutrition – metabolism in plant - physiology of plant analysis – physiology of vegetative growth and etc).

Conferences:-

- 1- International conference in Drawn Now in Alex Egypt. .14-16-11/2009.
- 2- International conference in Alexandria Egypt. Biovesion 2010.(14-16-4 2010).
- 3- International conference in field crop in Faculty of Agriculture Benha University, Egypt. 9-10 /9/2012.
- 4- International conference in biotechnology application (Fac. Agric. Benha Univ. Egypt 2014).

Area of Research:

- 1-plant nutrition and plant productivity, phytoremediation and reuse water in irrigation.
- 2-environmental changes (abiotic stress such as salinity, drought, high and low temperature) and alleviating of injury in plant growth and productivity.
- 3-Biofertilizers and using safe treatments (clean Agriculture).
- 4-photomorphogenesis and plant productivity.

Recent Publications:

- 1-Zewail, R.M.Y.; El-Desoukey, Heba, S. and K.R. Islam (2020).** Chromium Stress Alleviation by Salicylic Acid in Malabar Sp inach. Journal of plant nutrition. LPLA-0449.R1.
- 2-Sayed Ahmed Hamed, Reda Zewail, Hala Abdalrahman, Ghazal El-Alal Fekry, Botir Khaitov & Kee Woong Park (2019):** Promotion of growth, yield and fiber quality attributes of Egyptian cotton by bacillus strains in combination with mineral fertilizers, Journal of Plant Nutrition, DOI: 10.1080/01904167.2019.1655045
- 3--Reda M.Y. Zewail; Zakria M.A. Khedr; Faten H. M. Ismael and Elham F. Abd Elhameed (2018).** Enhancement of Soya bean (glycine max l.) Plants Growth, Yield and Seed Quality by using Putrescine, Benzyladenine and Yeast Extract, Annals of Agric. Sci., Moshtohor ISSN 1110-0419 Vol. 57(2) (2019), 493 – 506.
- 4-Zewail, R.M.Y.; El-Desouky, S. A. and Khder, Z.M.A.** Improvement of wheat productivity by using some biofertilizers and antioxidants M.Sc. Bot. Dpt.Fac. Agric. Benha.Univ. Egypt. (2007).
- 5- Zewail, R.M.Y.; Khder, Z.M.A. and Mady, M.A.** Effect Of Potassium, Some Antioxidants, Phosphoric Acid And Napthalen Acetic Acid(NAA) On Growth And Productivity Of Faba Bean Zewail, R. M. Y.; Khder, Z. M. A. and Mady, M. A. Inducing cold tolerability in Faba bean plants for maximizing its productivity. Ph.D. Bot. Dpt. Fac. Agric. Benha.Univ, 2011.

- 6- ABD EL-AAL, M. M. M. & ZEWAIL, R. M. Y.** Shade avoidance and wheat (*Triticum aestivum* L.) productivity. *International Journal of Agricultural Science and Research (IJASR)* issn(p): 2250-0057; issn(e): 2321-0087 vol. 4, issue 3, j. 2014, 63-72, 2014.
- 7- Zewail, R.M.Y., Ahmed, H.S. & Hassan, A.A.** Effect of pix and potassium citrate on Egyptian cotton (*Gossypium barbadense* L.) growth, productivity and fiber quality. *Bull. Fac. Agric., Cairo Univ.* 48 (4)240-255, 2014.
- 8- Zewail, R. M. Y.** Effect Of Seaweed & Amino Acids On Growth And Productivity Of Common Bean (*Phaseolus vulgaris* L.). *Mansura. j of Agric. sci.* 50(8)212-225, 2014.
- 9- Ahmed, H. S.A.; Zewail, R. M. Y. and Hassan, A. A.** Effect of foliar spray with some growth regulators on yeald, fiber qulityand yarn properties for cotton Giza 86 variety & 10229*giza 86 promising crosse. *Bull. Fac. Agric., Cairo Univ* 48(6)280-302., 2014.
- 10- Mohamed, M. H. M and R. M. Y. Zewail (2016).** Alleviation of High Temperature in Cabbage Plants Grown in Summer Season Using Some Nutrients, Antioxidants and Amino Acids As Foliar Application with Cold Water. *J. Plant Production, Mansoura Univ.*, Vol. 7 (4): 433 – 441.
- 11- Mohamed, M. H. M and R. M. Y. Zewail (2016).** Partial and full substitution of chemical fertilizer by organic fertilizer in presence of bio fertilizer and seaweed extract and its influences on productivity and quality. *J. Plant Production, Mansoura Univ.*, Vol. 7(6): 545 - 552, 2016.
- 12- Y.F.Y. M 1 Mohamed, R.M.Y. Zewail and Y.A.A. Ghatas (2016).** The Role of Boron and Some Growth Substances on Growth, Oil Productivity and Chemical Characterization of Volatile Oils in Basil (*Ocimum basilicum* L.) Cv. Genovese. *Journal of Horticultural Science & Ornamental Plants* 8 (2): 108-118, 2016.

published books:-

- 1- **Zewail, R.M.Y.;S.A.Eldesouky and Z.M.A. Khder**, Wheat productivity by using some biofertilizers and antioxidants. Lambert academic publishing (Germany) ISBN(978-8473-7121-2 (2012).
 - 2- **Zewail, R.M.Y.; Z.M.A. Khder and M.A. Mady**. Cold tolerability of faba bean plants for maximizing productivity Lambert academic publishing (Germany) ISBN978-3-659-15862-9 (2012).
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Professional membership

Member of the Egyptian society of Botany

Member of Agriculture chemistry & environment protection society

Member of commission environmental development in Agric. Fac. Benha Univ. Egypt.
