

## السيرة الذاتية

2- ماجستير علوم زراعية (إنتاج المحاصيل) كلية الزراعة بالمنصورة- جامعة المنصورة 1998م - عنوان الرسالة: (تأثير فترات الري ومعاملات التسميد النتروجيني على نمو ومحصول بعض أصناف الأرز تحت ظروف التربة الملحية) المقامة بمحطة بحوث السرو الزراعية

ثالثاً: التدرج الوظيفي:

1 -مساعد باحث من 1994 /11/9م - 1998 / 5/ 31 م.

4-باحث اول من 2008/5/22

5- رئيس بحوث من 2013/6/27

- 1-Technology of hybrid rice production course at Agricultural academy of Hunan - **China** (1997)
- 2-Rice physiology and its mechanism tolerance of salinity under controlled system at US salinity Lab -Riverside -California -**USA** (2000)
- 3- Rice Research to production at International rice research institute (IRRI) Los Bannis -**Philippines** -(2006).
- 4 -CPWF Project7 Final meeting and synthesis workshop( **Development of Technologies to harness the productivity Potential of Salt Affected areas of the Indo-Gangetic, Mekong, and Nile River Basin, 2-4 December 2008,IRRI, Philippines.**

5-African -Japanese plenary workshop on sustainable of rice production in Bibliotheca, Alex, August,23-24, RRTC,Sakha, Kafr El sheikh,Egypt,2008.

6- **BioVision** Alex international conference, Bibliotheca Alex, April,12-16, 2008

7-Egyptain Africa forum in Agriculture (seed industry and biotechnology), 24-26 july, Cairo, Egypt.

**8-*Water Management Issues in Africa*" 28-31 March 2012 in Reduit, Mauritius.**

9- 6 international hybrid rice conference, 10 -12 sept, 2012, Hyderabad, India.

10- Workshop on sustainable systems for food and biofuel production under **Water-saving Irrigation in the Egyptian Nile Basin..** Tuskoba Univ., Japan, march, 13-23 . 2013

## **Sharing in International project.**

**1- Atut project funded by USA from 1996 -2001**

Titled in: Improving rice productivity under saline soil.

**2-CWFP7 funded by united nation (2004-2008).**

Titled in Development of Technologies to Harness the Productivity Potential of Salt-Affected Areas of the Indo-Gangetic, Mekong, and Nile River Basins (CP # 7).

Sharing countries; India, Indonesia, IRRI, Iran, Vietnam, Bangladesh. And Egypt.

## **3- Group leader in**

WAT project with Japan funded by JICA(2009-2015)

Titled in: Sustainable Systems for Food and Bio-energy Production with Water-saving Irrigation in the Egyptian Nile Basin.

In collaboration with Tottri university, Tuskoba university, Cairo university and National water Research center(Egypt) as well as Agriculture research institute.

**4- Group leader in project funded by Science and Technology academy In Egypt (2013-2015) titled in Rice improving under drainage water irrigation**

- 1- دورة في نظم الحاسب الآلي سيمارب - معهد بحوث الأنتاج الحيواني - 1996 م.
- 3- دورة في اللغة الإنجليزية - بالمعاهد المتخصصة وجامعة المنصورة في سنوات مختلفة.

- 1- المؤتمر الدولي لدول حوض البحر الأبيض المتوسط - الاسكندرية - 2004 م.
- 2- المؤتمر الدولي الثامن لجمعية علوم المحاصيل الأفريقية - المنيا - مصر - 27-31 أكتوبر، 2007

- 1- المؤتمر الثامن لعلوم المحاصيل - كلية الزراعة - جامعة المنصورة - 1996 م (مستمع).

- 2- مؤتمر مستقبل الأمن الغذائي الأفريقي - معهد الدراسات والبحوث الأفريقية - جامعة القاهرة - 22-23 يونيو - 2003 م

- 3- المؤتمر الدولي الأول لبحوث الأرز المتقدمة - مركز تكنولوجيا الأرز - الإسكندرية - 2004 م.

- 4- المؤتمر العلمي الثاني امراض الكبد والبيئة - كلية الطب - جامعة طنطا - 2005 م

- 5- المؤتمر العلمي الأول لمحاصيل الحبوب - كلية الزراعة - جامعة الإسكندرية - 2005 م.

- 6- المؤتمر الدولي الثاني للأفاق المستقبلية للبحوث الزراعية - المركز القومي للبحوث - الدقي - جيزة - مصر - 22-23 ابريل، 2005

- 7- المؤتمر الأول لمعهد بحوث المحاصيل الحقلية - مركز البحوث الزراعية - الجيزة - 2006 م. -

11- مؤتمر ادارة المياة في افريقيا الفترة من 28 مارس و حتي 1 ابريل 2012-دولة  
موريشيوس

12- المؤتمر السادس للأرز الهجين في الفترو من 9-12 سبتمبر 2012 -حيدر اباد -  
الهند.

**PhD Students Working Under 5  
The Guidance:5**

**MSC Students Working Under 7  
The Guidance: 7**

**Area of Present Research :**

- 1-crop management under salt stresses in soil and water**
- 2- A biotic Stress Physiology of rice(salinity &drought)**
- 3- Rice agronomy under saline soil & water**
- 4- Crop and Rice screening and breeding under salt & water stress**
- 5- Training course for crop under salt and water shortage stresses**
- 6- Rice management under normal soil.**
- 7 crop extension under salt stress**

**Zayed,B.A.,A.A.Abou Kalifa and H.F.El-Mowafi(2005) :**Seedling vigor of hybrid rice as related to seed rate in nursery under saline soil .Egypt. J. of Agric. Res.,83(5B):423-435.

**El –Wahah ,S.M.;R.A.Ebaid ,M.I.Abou youssef and and B.A. Zayed (2005):**Combining ability effect on some rice varieties and their crosses for brown spot resistance and some physiological charaters in saline soil .Egypt.J.of Agric.,Res.,83(5 B) :521-539.

**Zayed, B.A. I.S. El- Refaee, R.N. Gorgy and A.A. M. Abdl El- Rahmen (2005).** Effect of sowing dates, plant spacing and Nitrogen levels on growth and yield of rice under saline soil. The 11<sup>th</sup> conference of Agronomy, Agron. Dept., Fac. of Agric., Assiut Univ., pp. 265-283.

**-Zayed, B.A., W.M. El-khoby, S.M.Shehata and M.H. A◊◊mmar(2007):** The role of Potassium application on productivity of some inbred and hybrid rice varieties under newly reclaimed saline soils. 8th African Crop Science Society Conference, 27-31 October 2007- El-Minia, Egypt vo(l )pp,53-60.

- Zayed, B.A.;** S.M. Shehata, W.M. ElKhoby and E.E.E. Khafaga (2007) Rice and Water Productivity As Affected By Irrigation Intervals And Potassium Splitting Under Newly Reclaimed Saline Soil. *J. of Agric. Res. Kafer El-Sheikh Univ.*, 33(4):807-823.
- Zayed B. A. A;** W. H. Abou El Hassan , Y. Kitamura .S.M Shehata, Zahor Ahmed and Farullah (2006) :Effect of reuse Drainage water management on Rice growth ,yield and water use efficiency under saline soil .*Asian J. of plant Sciences* 5(2):287-295.
- Abdallah ,A.A., R.N. Gorgy and **B.A. Zayed (2005)** Screening some rice genotypes (*Oryza Sativa L.*) under drought condition .*J. of Agric., Res., Tanta university ,Egypt*, 31(2):244-258.)
- El-Abd, **.A. B,** Abd Allah ,S.M. Shehata ,A.S. Abd El-Latif and **B.A. Zayed (2007)** Heterosis and combining ability for yield and its components and some of root characters in rice under water stress condition .*Egypt J. plant breed.* 11(2):593-609.
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- Abdel-Rahman, A.A.; **B.A. Zayed** and S.M. Shehata (2004). Response of two rice cultivars to potassium nutrition under saline soil. *Egypt. J. Agric. Res.* 82(1):209-219
- Abdel-Rahman, A.A.; A. Leilah; M.A. Badawi and **B.A. Zayed (2004)**. Effect of irrigation intervals and modes of nitrogen application on growth and yield of some rice cultivars under saline soil condition. *Egypt. J. Agric. Res.* 82(1):197-209
- Shehata, S.M.; A.E. Draz; A.A. Abd Allah and **B.A. Zayed (2004)**. Genetic studies on some morphological characters as indicators of salt and drought tolerance in rice. *Egypt. J. Agric. Res.* 82(1):101-119.
- Zayed, B.A.;** S.M. Shehata ,A.A. Abd El Rahaman and A.E. Draz (2005) : Cell membrane stability ,photosynthesis rate and associated traits as an indicator of salinity tolerance in some rice cultivars (*Oryza sativa L.*). *Egypt. J. of Agric., Res.*, 82(5B):411-423
- Zayed, B.A.;** S.M. Shehata and A.E. Draz (2003). Performance of some rice cultivars under salt stress adjusted by concentration of pigments, Na and potassium. Symposium of African Food Security Future, African Studies and Research Institute, Cairo University, Egypt, June 24-25.
- Zayed, B.A.;** A.T. Badawi; S., A. Ghanem; S.M. Shehata and A.E. Abdel-Wahab (2004). Effect of three salt levels on growth of three rice cultivars differing in salt tolerance. *Egypt. J. of Agriculture Res.* 82(1):219-231.
- El Sharkawi H. ,M. and **B.A. Zayed** ,T. Honna and S. Yamamoto (2006): Chemical compositions and salinity development in paddy soil as affected by irrigation intervals of mixed water saline soil .*Pakistan J. of Biological Sciences* 9(4):741-745.

**Salem ,A.K.M.;B.A.Zayed ,Amal G.Ahmed and A.A.Abou Kalifa(2005):** Effect of nitrogen ,potash levels and transplanting regularity on rice crop productivity . Egypt .J. of Agric. Res.,83(5B): 447-459

**Zayed B.A.:**A.A.EL-Gouhary ,A.M.El-Ekhtyar and S.E.M. Sedeex(2006):Response of Giza 177 and SK2034H to potassium splitting .First Filed Crop Conference,22-24,Agust .Giza ,Egypt,pp.407-414.

**Zayed ,B.A.;**S.A.Shehata and A.A.AbdAllah (2006):Effect of different levels of FYM and Minral nitrogen on yield and ts components of rice under Saline soil conditions. First Filed Crop Conference,22-24,Agust .Giza ,Egypt,pp.319-327.

**Zayed ,B.A.;**A.E.Abd El Wahab ,A.O.Basttawisi ,A.M.Hagras and H.F.W.El-Mowafi(2006):Physiology response of some hybrid and inbred rice varieties to different times of nitrogen application and plant geometry . First Filed Crop Conference,22-24,Agust .Giza ,Egypt,pp.533-542.

Zayed B. A. ; A.M.El Ekhtyar ,A. B.El Abd and M.A. Badawi (2006) :Response of hybrid and inbred rice varieties to various nitrogen levels under saline soil conditions .J.Agric.,Sci., Mansoura University ,31(12)7497-7509.

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- Shehata, S. M . ;A. A Abd Allah ;B.A.Zayed and A.A El-Gohary (2009). Development OF Salt Tolerant Rice Lines Through Mutation Breeding J. Agric. Res. Kafer El-Sheikh Univ., 35(4):954-963.
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- Shehata S.M.; B. A. Zayed ; E. S. Naeem ; S. E.Seedex and A. A. Gohary (2009) Response Of Rice ( *Oryza sativa* L.)To Different Levels Of Zinc And Sulfur Fertilizer Under Saline Soil Egypt. J. of Appl. Sci., 24(12B):551-565.
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- Bassiouni, S.M.A., B.A. Zayed, A.A.E. Mohamed and A.M. Omar (2011). Effect of pre-sowing seed and seedling treatments on growth and yield of Egyptian hybrid rice under saline soil. *Agric. Res. Kafr El sheikh univ.*, 37(2):270-283.
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- Zayed, B.A. ; I.S. El-Rafae and S.E.M. Sedeek (2010). Response of different rice varieties to phosphorus fertilizer under newly reclaimed saline soils. *J. Plant Prod. Mansoura Univ.* 1 (11): 1479-1493.
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- Zayed, B.A., E.S. Naeem, H.M. El Sharkawi and E.E. Gewaily (2011). Efficiency of sulfur fertilizer on yield and soil properties of salt stressed paddy fields. *Egypt. J. Agric. Res.*, 88 (1):1-11.
- 5-- El-Rafae, I. S., E. E. Gewaily and E. S. Naeem and B. A. Zayed (2011). Water balance and economic evaluation of some Egyptian rice cultivars. : *J. Agric. Res. Kafer El-Sheikh Univ.*, 37(1):85-98.
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Zayed, B.A., W. M. Elkhoby, A.K. Salem, M. Ceesay, and N.T. Uphoff (2013) Effect of Integrated Nitrogen Fertilizer on Rice Productivity and Soil Fertility under Saline Soil Conditions. *Journal of Plant Biology Research* 2013, 2(1): 14-24.

Yoshie Yageta<sup>1\*</sup>, Teruo Higashi<sup>1</sup>, **Zayed A. Bassiouni**, Naeem EL Sayed Saad<sup>2</sup> and Masayoshi Satoh (2013). Effects of Previous Rice Cropping History on Salt Accumulation of Surface Soils in the Middle Nile Delta, Egypt. *Journal of Developments in Sustainable Agriculture* 8: 119-126