

الأبحاث العلمية لقسم البساتين فرع الخضار

List of Publication: Prof. Dr. Seif El-Nasr Hussein Gad El- Hak

- GadElHakS H - MNM. Hassan and S.H. Mahmoud (1989) : Growth and yield of Okra as affected by black polyethylene mulch and gibberellic acid. MiniaJ.Agric. Res. & Dev. Vol. 11 No 1, 4777-489
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- Gad El-Hak, S.H.; M.N.M. Hassan; S.H. Mahmoud and M.M. Farrag (1989) : Evaluation of twenty one cucumber genotypes (*Cucumissativus* L.) under El-Minia conditions. Minia J. Agric. Res. & Dev. Vol. 11 No. 2, 759 – 797
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- Farrag, M.M.; M.N.M. Hassan; S.H. Gad El-Hak and R.H.M. Gheeth (1993): Effect of rhizobium, nitrogen and phosphorus applications on growth and yield of peas .2. Dry yield .Minia J. Agric. Res. & Dev., Vol.15, Special Issue for Minia First Conferenbce for Horticultural Crops , 19-21 October, 1993.
- Hassan, M.N.M., M.M. Farag; S.H. Gad El-Hak and R.H.M. Gheeth (1993): Effect of rhizobium, nitrogen and phosphorus applications on growth and yield of peas. 1. Fresh yield. MiniaJ.. Agric. Res. & Dev., Vol. 15, Special Isue for Minia First Conference for Horticultural Crops, 19-21 October, 1993.
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- Abo-Bakr, M.A. S. H. Gad El-Hak, A. Z. Osman, M.N.M. Hassan and A.A. Hemada (1996) some studies on photo seed tubers and crops production 4th Arabic conf. for Hort. crops Part I vegetables crops pp109-124

- Gad El-Hak, S. H., A.T. Abdel-Rahem, S. A. El-Shobaky, and H.S. Tony, (1996). Callus formation, plantlet regeneration and cytological behavior of *In Vitro* garlic cultures, Fourth Arabic Conf. For Hort. Crops El-Minia, Egypt, March, 26-30, 33-46.
- Gad El-Hak, S. H., A.T. Abdel-Rahem, S. A. El-Shobaky and Tony, H.S. (1996). Studies on vegetative growth and yield components of some garlic genotypes under El-Minia environmental conditions. Fourth Arabic Conf. For Hort. Crops El-Minia, Egypt, March, 25-28, 125-132.
- Gad El-Hak, S. H.; Abd El Mageed, Y. T.; Galal, A. A.; Youssef, N. S. (1997). Some studies on potato common scab disease 11: Growth yield and tuber quality. 7th Nat. Conf. of Pest and Dis. of vegetables and fruits in Egypt. Ismailia 25-26 Nov., 183-195.
- Galal, A. A., Y. T. Abd El-Mageed, S. H. Gad El-Hak, and N. S. Youssef (1999). Some Studies on potato common scab disease I. Pathological studies. Egypt, J. Microbiol 34, No. 1: 181-199.
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- Gad El-Hak, S. H and Y.T. Abd El-Mageed (2000). Effect of nitrogen source on growth, yield, nitrate content and storage ability of two garlic cultivars. Minia J. of Agric. Res. & develop. Vol. 20 No. 1:115-139.
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ابحاث د يسري تمام

1- استجابة صنفين من البسلة للرش بحمض الجبريلك وكبريتات الزنك .

S.A. El-Shobaky, and Y.T. Abdel-Mageed (1996): Response of two pea cultivars to GA3 and zinksulphate as foliar spray. Egypt. J. Appl. Sci. Vol. 11(1): 87-103.

2- تأثير التسميد بالرش لالسمة الورقيه علي نباتات البسلة في الاراضي الرملية الجيرية حديثه الاستصلاح.

Y.T. Abdel-Mageed and S.A. El-Shobaky (1996): Effect of foliar fertilization on pea plants under the newly reclaimed sandy calcareous soil. Fourth Arabic Conf. Minia Egypt (25-28 March, 1996). pp 47-56.

1- تأثير ازاله القمه الطرفية علي النمو والمحصول في بعض اصناف الخيار.

Y.T. Abdel-Mageed and S.A. El-Shobaky (1996): Effect of shoot tip removal on yield components of some cucumber cultivars. Fourth Arabic Conf. Minia Egypt (25-28 March, 1996). Pp 101-108.

2- تأثير بعض متحولات الريزوبيا ونظام الري علي الصفات التكافلية والنمو والمحصول في البسلة.

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- 4- تأثير مواعيد الزراعه والكثافة النباتيه علي انتاج صنفين من فول المنج .
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- 5- تأثير التلقيح ببيكتريا الريزوبيم وعدد مرات الجمع علي صنفين من فاصوليا المنج.
A.A. Tantawy; Y.T. Abdel-Mageed and S.A. El-Shobaky (1997): Effect of rhizobium inoculation and number of harvesting on some cultivars. J. Agric.. Sci. Mansoura Univ. Vol. 24(2) pp 6255-6263.
- 6- بعض الدراسات علي مرض الجرب العادي في البطاطس.2- النمو والمحصول وجوده الدرناات.
S.H. Gad El-Hak and Y.T. Abdel-Mageed (1997): Some studies on potato common scab disease II. Growth, yield and quality.7th Nat. Conf. of Pest & Dis.Of vegetables & fruits in Egypt. pp 183-195.
- 7- استجابته الطماطم والخيار لتغطيه سطح التربه وبعض المعاملات الزراعيه . 2- الخيار.
Y.T. Abdel-Mageed; S.H. Gad El-Hak; M.A. Morsi and A.A. Sadek (2000): Response of tomato and cucumber to mulching colors and some cultural treatments. II. Cucumber. Minia J. Agric. Res. & Dev. Vol. 20(2): 221-237.
- 8- تأثير التسميد الكيماوي والعضوي ومتحولات الازوتوبيكتر علي انتاج الكوسه.
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- 9- تأثير التلقيح ببيكتريا الريزوبيم والرش بحامض الأورثوفوسوريك علي الكثافه العديده لبعض الحشرات والمحصول لنباتات فول المنج واللوبيا في منطقه المنيا.
Y.T. Abdel-Mageed; M.S. Fouad and S.H.H. Hamouda (2001): Effect of Rhizobium inoculation and phosphorus application on population density of certain insects and yield of mung bean and cowpea in Minia region. Minia J. Agric. Res. & Dev. Vol. 21(2): 287-313.
- 10- تأثير مواد الصلابه الجيلاتينية ومضادات الاكسدة علي الاكثار الدقيق للبطاطس معمليا باستخدام نباتات مختبره فيروسيا (أ).
S.H. Gad El-Hak A.Z. Osman Y.T. Abdel-Mageed and A.S. Youssef (2001A): Effect of gelling agents and antioxidant treatments on In Vitro potato propagation using virus indexed plants. Fifth Arab. Hort. Conf. Ismailiya (March 24-28). Pp 57-69.

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- Galal A.A.; S.H. Gad El-Hak A.Z. Osman Y.T. Abdel-Mageed; A.Z. Osman and A.S. Youssef (2001B): Effect of gelling agents and antioxidant treatments on In Vitro potato micro-tuberization and on common scab development using virus-indexed plantlets. Hort. Conf. Ismailiya (March 24-28). Pp .
- 12- تأثير التلقيح بمطفرات الـريزوبيوم والرش بحامض الأورثوفوسفوريك علي النمو والمحصول في اللوبيا .
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- 13- استجابة الطماطم للتسميد العضوي وتغطيه التربة تحت ظروف محافظة المنيا.
- M.A. Morsy; S. H. Gad El-Hak; Y.T. Abdel-Mageed and A.A. Sadic (2001): Response of tomato to organic fertilization and mulching under El-Minia governorate condition. Fifth Arab. Hort. Conf. Ismailiya (March 24-28). pp 57-69.
- 14- إستجابة نباتات البسلة للرش بالعناصر الصغري (حديد- زنك- منجنيز) في الاراضي الرملية حديثة الاستصلاح.
- S.A. El-Shobaky; Y.T. Abdel-Mageed (2001): Reponse of pea to foliar sprays with some micronutrients (Fe – Zn – Mn) in new reclaimed soils. Fifth Arab. Hort. Conf. Ismailiya (March 24-28) pp 47-56.
- 15- تأثير التسميد الكيماوي والعضوي وتحولات الازوتوبكتر علي إنتاج الكوسه.
- 16- تأثير طرق إضافة ومعدلات البوتاسيوم علي نمو ومحصول البطاطس تحت ظروف الاراضي الملحيه حديثة الاستصلاح.
- 17- تأثير مصدر النيتروجين علي النمو والمحصول في بعض هجن الخيار تحت ظروف الصوب.
- 18- استجابة بعض التراكيب الوراثية في الشمام لمسافات ومواعيد الزراعة.
- 19- تأثيرمضادات الاكسدة وكلوريد الكالسيوم علي نمو ومحصول البطاطس –ب التأثيرات المباشرة والمحموله لحامض الاسكوريك وحامض السالسليك و/او كلوريد الكالسيوم علي مرض الجرب العادي في البطاطس.
- 20- دراسات مفرانه علي استخدام الاسمدة الكيماوية والحيوية علي نباتات الفاصوليا – 1- المحصول الاخضر ومكوناته.

List of Publication: Prof. Dr.Youssef Youssef Abdel-Ati

1. Abdel-Ati And A.A. El-Sayed (1995): Response of coriander plants (*Coriandrum sativum* L.) to foliar application of boron. *Minia J. Agric., Res. & Dev.*, Vol. 17, No. 2, June 1995.
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7. Abdel-Ati, Y.Y. and T.R.A. El-Beshbeshy (1993): Effect of Ca-silicate slag and phosphorus supply on growth, P-uptake and yield of cucumber cultivar "Beit Alpha". *Minia J. of Agric., Res. & Dev.*, Vol. 15, 1993, Special Issue.
8. Abdel-Ati, Y.Y.; Hammad, A.M.M. and Ali, M.Z.H. (1996): Nitrogen fixing and phosphate solubilizing bacteria as biofertilizers for potato plants under Minia conditions. *1st Egyptian-Hungarian Horticultural Conf.*, Kafr El-Sheikh, Egypt, 15-17 Sept. Vol. 1, 25-34, 1996.
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14. Gad El-Hak, S.H.; A.Z. Mohamed; S.H. Mahmoud; Y.Y. Abdel-Ati and E.M. Abd Allah (1996): Mode of inheritance of root-knot nematode resistance in tomato. Fourth Arabic Conf. for Horticultural Crops., 253-261, Minia Egypt.
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21. Hassan, M.N.M.; Y.Y. Abdel-Ati and M.M. Farrag (1993): Studies on garlic under El-Minia conditions. 3. Effect of foliar application with some microelements on the growth and yield of two cultivars. Minia J. of Agric., Res. & Dev., Vol. 15, No. 3, September, 1993.
22. Abdel-Ati Y.Y. (1998) Yield and quality of potato as affected by phosphorus, chicken manure and seed tuber size. Assiut Journal of Agricultural science, Vol. 29, No. 5, 1998.
23. Abdel-Ati Y.Y. (2000) Growth and yield of cowpea as affected by irrigation regime, phosphorus application and VA-mycorrhizae treatments. Assiut Journal of Agricultural science, Vol. No., 2000.

24. Abdel-Ati Y.Y. and H.M. Abbas (2000). Lettuce growth and quality as affected by source and application time of nitrogen fertilizer. *Minia J. Agric. Res. & Dev.* Vol. No. 2000.
25. Abdel-Ati Y.Y; S.H. Gad El-Hak ; A.A. Galal and Y.M.M. Mostafa (2000). Effect of some antioxidant compounds on some Horticultural characters of four new F1 hybrids of tomato. *J. Agric. Sci. Mansoura Univ.*, 25 (3): 1649-1668, 2000.
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28. EL-Shobaky S.A.; Y.Y. Abdel-Ati ; M.M. Farrag and E.F. Yacoup (2002). Response of cucumber and tomato to slag and phosphorus treatments 1-Effect of calcium silicate slag and phosphorus on cucumber growth and yield. *Proc. Minia 1st Conf. For Agric. & Environ. Sci., Minia, Egypt. March 25-28, 2002.*
29. EL-Shobaky S.A.; Y.Y. Abdel-Ati; M.M. Farrag; and E.F. Yacoup. (2002). Response of cucumber and tomato to slag and phosphorus treatments 2- Residual effect of calcium silicate slag and phosphorus on growth and yield of tomato *Proc. Minia 1st Conf. For Agric. & Environ. Sci., Minia, Egypt. March 25-28, 2002.*
30. Abdel-Ati, Y.Y.; M. Y. El-Maziny; A. S. Ali; M. E. Meleha and H. A. Abdel-Raheem (2005). Effect of water stress and potassium fertilization on yield quantity and quality of potato.
31. 1-Effect of irrigation regime and potassium fertilizer on vegetative growth of potato. The second Syrian-Egyptian Conference Elbaath University, April, 25- 28, 2005.
32. Abdel-Ati, Y.Y; M.Y. El-Maziny; A.S. Ali; M. E. Meleha and H.A. Abdel-Raheem (2006) Effect of water stress and potassium fertilization on yield quantity and quality of potato. 2-Effect of irrigation regime and potassium fertilizer on yield and quality of potato. The third Egyptian-Syrian Conference El-Minia University, November, 6-9, 2006.
33. Abdel-Ati, Y.Y; M. Y. El-Maziny; A. S. Ali; M. E. Meleha and H. A. Abdel-Raheem (2007) Effect of water stress and potassium fertilization on yield quantity and quality of potato. 3-Effect of irrigation regime and potassium fertilizer on water consumptive use , water use efficiency, yield and yield components of potato. 8th African Crop Science Society Conference , 27- 31 October 2007, Minia, Egypt.

34. El-Shaikh, K.A.A.;Y.Y.Abdel-Ati;M.Y.El-Maziny and Y.A.Mahmoud(2009)Response of some onion cultivars to organic and mineral fertilization in new reclaimed soil.Egypt.J.Agric.Res.,87(1),2009.
35. El-Shaikh,K.A.A.;Y.Y.Abdel-Ati,A.M.El-Damarany and A.A.H. Abdel-Lah(2009).Comparative study of three different fertilizers on yield and quality of potato.InternationalConeference On Plants&Environmental Pollution,6-11 July 2009,Kayseri,Turkey.
36. Abdel-Ati,Y.Y.;G.A.Zayed,M.N.M.Hasan and Hala,S.Abd El-Lah(2010).Gene effects and combining ability for some important traits of pea.Minia 2nd Conf.Agric.Envirn.Sci.161-169.
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38. Hasan,M.N.M.;Y.Y.Abdel-Ati,G.A.Zayed and Hala, S. AbdEl-Lah (2010). Heterosis,correlation and gene action in genotypes of pea (Pisumsativum l.).Minia 2nd Conf.Agric.Envirn.Sci.151-160.

List of Publication:Dr.Yasser Mahmoud

- 1- Abdel Ati, Y.Y.; S.H. Gad El-Hak; A.A. Galal and Y.M.M. Moustafa (2000). **Effect of some antioxidant compounds on some horticultural characters of four new F₁ hybrids of tomato**. J. Agric. Sci. Mansoura Univ., 25 (3): 1673-1692.
- 2- Galal, A.A.; Seif El-Nasr H. Gad El-Hak; Youssef, Y. Abdel-Ati; and Yasser M.M. Moustafa (2000). **Response of new tomato hybrids to some antioxidants and early blight**. The 2nd Scientific Conference of Agricultural Sciences, Assuit, pp.: 673-686.
- 3- Yasser, M.M. Moustafa; Susumu, Yui; and Matsuo, Uemura (2006). **Chilling tolerance and field performance of an F₁ cooking tomato cultivar, Nitaki-Koma, relative to its parents**. Breeding Science 56: 269-276.
- 4- Moustafa Y.M.M.; Latif S.S.; Abd El Naem G.F.; Fouly H.M.H. andS.I. Ahmed (2009). **Performance of new imported foreign garlic genotypes grown under the Egyptian conditions**. Egypt. J. Agric. Res., 87 (1): 219- 243.
- 5- Other manuscripts in the field of gene expression and novel gene sequencing are on the way to be accepted for publication.

List of Publication: Dr.HaithamElham Mohamed Zaki

- Zaki, H.E. M.**, Y. Takahata and S. Yokoi (2011) Subtracted genes and storage root formation in radish cultivars. (Under publication).

Zaki, H. E. M., Y. Takahata and S. Yokoi (2010) Analysis of root morphological and anatomical characteristics in three radish cultivars with contrasting Root Shapes. Journal of the Japanese Society for Horticultural Science.(Accepted)

Zaki, H. E. M., S. Yokoi and Y. Takahata (2010) Identification of genes related to root shape in radish (*Raphanussativus*) using suppression subtractive hybridization.Breeding Science 60: 130–138.

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