

## **Ahmed A. Hassan**

### **Scientific Publications**

#### **Books Authored**

- 1. Hassan, A.A. 1988.** Fundamentals of vegetable production and technology of protected cropping. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 920 p.
- 2. Hassan, A.A. 1988.** Technology of protected cropping. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 253 p.
- 3. Hassan, A.A. 1988.** Tomato. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 331 p.
- 4. Hassan, A.A. 1988.** Potato. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 186 p.
- 5. Hassan, A.A. 1988.** Onion and Garlic. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 191 p.
- 6. Hassan, A.A. 1989.** Cucurbits. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 207 p.
- 7. Hassan, A.A. 1989.** Fruit Vegetables. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 301 p.
- 8. Hassan, A.A. 1989.** Minor Vegetables. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 391 p.
- 9. Hassan, A.A. 1990.** Root, stem, leaf and flower vegetables. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 374 p.
- 10. Hassan, A.A. 1990.** Technology of protected cropping. (2<sup>nd</sup> ed.). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 335 p.
- 11. Hassan, A.A. 1991.** Principles of plant breeding. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 682 p.
- 12. Hassan, A.A. 1991.** Vegetable Crops Production. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 712 p.
- 13. Hassan, A.A. 1993.** Breeding vegetable crops. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 800 p.
- 14. Hassan, A.A. and M.A. Badawy. 1992.** Vegetable production. Open Learning, Cairo University. 418 p.

15. **Hassan, A.A. 1993.** Breeding Plants for disease and pest resistance. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 378 p.
16. **Hassan, A.A. 1994.** Fundamentals of vegetable production in desert lands. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 285 p.
17. **Hassan, A.A. 1994.** Production of warm season vegetables in desert lands. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 288 p.
18. **Hassan, A.A. 1994.** Production of cool season vegetables in desert lands. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 285 p.
19. **Hassan, A.A. 1994.** Vegetable seed production, physiology and certification. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 585 p.
20. **Hassan, A.A. 1995.** Physiological basis of genetic improvement in plants: Breeding for higher productivity and tolerance to adverse environmental conditions. (In Arabic). Academic Bookshop, Cairo. 328 p.
21. **Hassan, A.A. 1996.** Principles of scientific research. Vol. 1. Scientific method and styles of writing scientific papers and dissertations. (In Arabic). Academic Bookshop, Cairo. 417 p.
22. **Hassan, A.A. 1996.** Principles of scientific research. Vol. 2. Planning, writing and publishing of scientific papers and dissertations. (In Arabic). Academic Bookshop, Cairo. 273 p.
23. **Hassan, A.A. 1998.** Fundamentals and physiology of vegetables. (In Arabic). Academic Bookshop, Cairo. 596 p.
24. **Hassan, A.A. 1998.** Technology of vegetable production. (In Arabic). Academic Bookshop, Cairo. 625 p.
25. **Hassan, A.A. 1998.** Tomato: production technology, physiology, cultural practices, harvesting, and postharvest handling.. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 511 p.
26. **Hassan, A.A. 1998.** Tomato: disease and pests and their control. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 210 p.
27. **Hassan, A.A. 1999.** Integrated cultural practices for control of vegetable diseases, pests, and weeds. (In Arabic). Academic Bookshop, Cairo. 586 p.
28. **Hassan, A.A. 1999.** Technology of protected cropping (3<sup>rd</sup> ed.) (In Arabic). Academic Bookshop, Cairo. 534 p.
29. **Hassan, A.A. 1999.** Potato production. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 446 p.

30. **Hassan, A.A. 1999.** Onion and garlic production. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 371 p.
31. **Hassan, A.A. 2000.** Cucurbits: production technology, physiology, cultural practices, harvesting, and postharvest handling. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 498 p.
32. **Hassan, A.A. 2000.** Cucurbits: diseases and pests and their control. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 330 p.
33. **Hassan, A.A. 2000.** Pepper and eggplant production. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 336 p.
34. **Hassan, A.A. 2001.** Production of leguminous vegetables. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 384 p.
35. **Hassan, A.A. 2002.** Strawberry production. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 388 p.
36. **Hassan, A.A. 2003.** Production of vegetable crops: Brassicaceae and Chenopodiaceae.. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 327 p.
37. **Hassan, A.A. 2003.** Production of vegetable crops: Umbelliferae and Convolvulaceae. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 315 p.
38. **Hassan, A.A. 2003.** Production of vegetable crops: Ateraceae, Malvaceae, and Araceae. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 300 p.
39. **Hassan, A.A. 2004.** Production of minor and non-traditional vegetables. Vol.1.(In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 304p.
40. **Hassan, A.A. 2004.** Production of minor and non-traditional vegetables. Vol.2.(In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 300p.
41. **Hassan, A.A. 2004.** Production of minor and non-traditional vegetables. Vol.3.(In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 424p.
42. **Hassan, A.A. 2004.** General principals of plant breeding .(In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 477 p..
43. **Hassan, A.A. 2005.** Methods of Plant breeding. .(In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 393 p.
44. **Hassan, A.A. 2005.** Improvement of quantitative characters. .(In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 252 p..

45. **Hassan, A.A. 2007.** Biotechnology and plant breeding: Application of tissue culture and genetic engineering technologies in the areas of food security and plant genetic improvement. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 782 p..
46. **Hassan, A.A. 2008.** Application of plant breeding in disease and pest resistance. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 858 p..
47. **Hassan, A.A. 2008.** Preparing, writing, and publishing of research papers and theses. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 770 p.
48. **Hassan, A.A. 2010.** Agricultural practices for vegetable disease, pest, and weed control. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 783 p..
49. **Hassan, A.A. 2010.** Post harvest handling of horticultural crops. (In Arabic). Cairo. 548 p.
50. **Hassan, A.A. 2011.** Post harvest technology and physiology of fruit vegetables. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 452 p.
51. **Hassan, A.A. 2011.** Post harvest technology and physiology of non fruit vegetables. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 464 p..
52. **Hassan, A.A. 2011.** Fundamentals of organic culture. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 394 p..
53. **Hassan, A.A. 2012.** Fundamentals of protected cropping. (In Arabic). Al-Dar Al-Arabiah Lil Nashr Wa Al-Tawsia, Cairo. 836 p.
54. **Hassan, A.A. 2015.** Fundamentals and technology of vegetable production.. (In Arabic). 968 p.
55. **Hassan, A.A. 2015.** Nutritional and health importance of vegetable crops. (In Arabic). In press.
56. **Hassan, A.A. 2015.** Fertilization of vegetable crops. (In Arabic).. In Press.
57. **Hassan, A.A.** Technological solutions for challenges and problems in vegetable crop productions. (In Arabic). In Press.

## **Books Reviewed**

1. Reviewed Arabic translation of the original English book “Cucurbits” (1997) by R. W. Robinson and D.S. Decker-Walters. King Saud University Press.

## **Extension Publications Authored**

Authored 25 electronic extension publications in Arabic for ELSHAMS, a Care-USAID Project during 2005 and 2006 as follows:

1. Tomato production: traditional method, vertical training, under low tunnels, in plastic houses, and cherry and cluster tomato production. 40 p.
2. Potato production. 34 p.
3. Pepper production. 30 p.
4. Eggplant production. 23 p.
5. Green bean production. 20 p.
6. Bulb and spring onion production. 36 p.
7. Melon production in open field and low plastic tunnels. 23 p.
8. Cucumber production: traditional method, drip irrigation method, under low tunnels, and in plastic house production. 29 p.
9. Production of seeded and seedless watermelon using traditional method, baa’li method, and under low plastic tunnels. 31 p.
10. Squash production: traditional method, drip irrigation method, and under plastic tunnels. 17 p.
11. Pumpkin and winter squash production 16 p.
12. Radish Production. 14 p.
13. Chinese cabbage and Chinese mustard production. 9 p.
14. Brussels sprouts production. 9 p.

15. Broccoli production. 9 p.
16. Globe artichoke production. 15 p.
17. Lettuce production. 18 p.
18. Chicory production. 7 p.
19. Endive production. 9 p.
20. Celery production. 13 p.
21. Fennel production. 4 p.
22. Swiss chard production. 5 p.
23. Okra production. 12 p.
24. Sweet corn production. 18 p.
25. Oyster mushroom production. 9 p.

### **Proceedings Edited**

1. **Faculty of Agricultural Sciences, U.A.E. University. 1987.** Protected vegetable cropping in the Gulf area. (In Arabic). Abstracts of a Symposium Held on April 5 and 6, 1987, Al-Ain. 72 p.
2. **Faculty of Agricultural Sciences, U.A.E. University. 1988.** Future of agriculture in the United Arab Emirates. (In Arabic). Abstracts of a Symposium Held on April 10 and 11, 1988, Al-Ain. 395.

### **Dissertations**

1. **Hassan, A.A. 1966.** The application of the cotyledonary method of inoculation with *Corynebacterium michiganense* in screening for resistance and in host-range studies. M.Sc. Thesis, North Carolina State University, Raleigh. 79 p.
2. **Hassan, A.A. 1970.** Inheritance of resistance to *Fusarium solani* and *Thielaviopsis basicola* in *Phaseolus vulgaris* L. Ph. D. Thesis, Cornell University, Ithaca, N.Y. 165 p.

## Papers Published in Refereed Journals

1. **Hassan, A.A.**, D.L. Strider, and T.R. Knosler. 1968. Application of cotyledonary symptoms in screening for resistance to tomato bacterial canker and in host range studies. *Phytopathology* 58: 233-239.
2. **Hassan, A.A.**, D.H. Wallace, and R.E. Wilkinson. 1971. Genetics and heritability of resistance to *Fusarium solani* f. *phaseoli* in beans. *J. Amer. Soc. Hort. Sci.* 96: 623-627.
3. **Hassan, A.A.** , R.E. Wilkinson, and D.H. Wallace. 1971. Genetics and heritability of resistance to *Thielaviopsis basicola* in beans. *J. Amer. Soc. Hort. Sci.* 96: 628-630.
4. **Hassan, A.A.**, R.E. Wilkinson, and D.H. Wallace. 1971. Relationship between genes controlling resistance to *Fusarium* and *Thielaviopsis* root rots in beans. *J. Amer. Soc. Hort. Sci.* 96: 631-632.
5. Radwan, A.A. and **A.A. Hassan.** 1974. Production of new high quality lines of sweet melon, *Cucumis melo* var. *aegyptiaca*. *Egypt. J. Hort.* 2: 209-211.
6. Allam, E.K., **A.A. Hassan.**, M.A. Maksoud, A.K.A. Selim, and H.R. Nazeem. 1974. Screening for resistance to tobacco mosaic virus in tomato (*Lycopersicon esculentum* Mill). *Egypt. J. Hort.* 6: 69-74
7. Maksoud, M.A., **A.A. Hassan** , and R. Khalil. 1975. Inheritance of the number of locules and wall thickness in the pepper fruit. *Zagazig J. Agric. Res.* 2: 183-189.
8. Maksoud, M.A., **A.A. Hassan**, E.K. Allam, A.K.A. Selim, and H.R. Nazeem. 1975. Nature of resistance to tobacco mosaic virus in tomato, *Lycopersicon esculentum* Mill. *Moshtohor Ann. Agric. Sci.* 4: 1-8.
9. Selim, A.K.A., **A.A. Hassan**, M.A. Maksoud, E.K. Allam, and H.R. Nazeem. 1976. An Attempt to study the inheritance of resistance and tolerance to tobacco mosaic virus in tomato, *Lycopersicon esculentum* Mill. *Egypt. J. Hort.* 3: 1-10.
10. Maksoud, M.A., **A.A. Hassan**, and R. Khalil. 1977. Inheritance of fruit weight, size, and dimensions in pepper, *Capsicum annum* L. *Zagazig J. Agric. Sci.* 4: 53-63.
11. Stino, K.R., A.K. Gaffar, A.M. Alian, **A.A. Hassan**, and M.A. Tawfik. 1977. Preliminary studies on the evaluation of some sweet potato lines. *Egypt. J. Hort.* 4: 9-23
12. Radwan, A.A., **A.A. Hassan**, and N.M. Malash. 1979. Correlation studies on twenty-eight genotypes evaluated in Giza. *Ain Shams Univ., Fac. Agric., Res. Bull.* 1062. 23 p.

13. Radwan, A.A., **A.A. Hassan**, and N.M. Malash. 1979. Physiological studies on tomato fruit firmness, total soluble solids and vitamin C contents. Ain Shams Univ., Fac. Agric., Res. Bull. 1063. 19 p.
14. Radwan, A.A., **A.A. Hassan**, and N.M. Malash. 1979. Growth pattern and physiological basis of yield differences in three tomato genotypes. Ain Shams Univ., Fac. Agric., Res. Bull. 1064. 37 p.
15. **Hassan, A.A.**, M.A. El-Sherif, S.E. Moustafa and G.S. Shohla. 1980. Screening tomatoes (*Lycopersicon esculentum* Mill.) for resistance to root knot nematodes under field and greenhouse conditions. Ain Shams Univ., Fac. Agric., Res. Bull. 1407. 10 p.
16. Radwan, A.A., M. El-Motaz Billah, **A.A. Hassan**, and M.R. Omarah. 1980. Vegetative growth and yield of strawberry as affected by cold storage of runners and transplanting date. Egypt. J. Hort. 7: 93-107.
17. Radwan, A.A., M.A. Osman, **A.A. Hassan**, and M.R. Omarah. 1980. Effect of digging dates and cold storage treatments of strawberry runners on the chemical composition of plant crowns. Egypt. J. Hort. 7: 109-125.
18. **Hassan, A.A.**, H.M. Mazyad, S.E. Moustafa, and M.K. Nakhla. 1980. Assessment of tobacco mosaic virus resistance in thirty-seven tomato (*Lycopersicon esculentum* Mill.) cultivars and breeding lines. Ain Shams Univ., Fac. Agric., Res. Bull. 1408. 12 p.
19. Mohammed, M.A., **A.A. Hassan**, I.I. Oksh, and R. Hilal. 1981. Nature of resistance to fusarium wilt in watermelon. Egypt. J. Hort. 8: 1-12.
20. Radwan, A.A., **A.A. Hassan**, R. Sidki, A.H. Khareba, and A.I. Ismail. 1981. Effect of GA<sub>3</sub>, NAA and some macro and micro nutrients on pepper seed germination. Ain Shams Univ., Fac. Agric., Res. Bull. 1454. 13 p.
21. **Hassan, A.A.**, H.M. Mazyad, S.E. Moustafa, and M.K. Nakhla. 1982. Assessment of tomato yellow leaf curl virus resistance in the genus *Lycopersicon*. Egypt. J. Hort. 9: 103-116.
22. **Hassan, A.A.**, M.N. Stino, S.E. Moustafa, and G. Hanna. 1982. Fusarium wilt race identification and screening for resistance in commercial tomato cultivars and wild *Lycopersicon* species. Egypt. J. Hort. 9: 125-130.
23. Nassar, S.H., W.L. Sims, and **A.A. Hassan**. 1982. Nation-wide programme of tomato cultivar evaluation in Egypt: 1980 summer planting. Egypt. J. Hort. 9: 131-137.
24. **Hassan, A.A.**, A.E. El-Bagdady, and I.A.M. Desouki. 1982. Tomato cultivar evaluation: 1980 summer trials in Giza and Kalubiah. Egypt. J. Hort. 9: 139-152.

25. **Hassan, A.A.**, and I.A.M. Desouki. 1982. Tomato evaluation and selection for sodium chloride tolerance. *Egypt. J. Hort.* 9: 153-162.
26. Desouki, I.A.M., M.A. El-Sherif and **A.A. Hassan**. 1982. Evaluation of some sources of root knot nematode resistance in tomatoes. *Egypt. J. Hort.* 9: 233-235.
27. Mazyad, H.M., M.K. Nakhla, S. Moustafa, and **A.A. Hassan**. 1982. Effect of tetracycline on tomato plants infected with tomato yellow leaf curl virus. *Egypt. J. Hort.* 9: 237-240.
28. Mazyad, H.M., **A.A. Hassan**, M.K. Nakhla, and S.E. Moustafa. 1982. Evaluation of some wild *Lycopersicon* species as sources of resistance to tomato yellow leaf curl virus. *Egypt. J. Hort.* 9: 241-246.
29. Nassar, S.H., W.L. Sims, and **A.A. Hassan**. 1984. Nation-wide programme of tomato cultivar evaluation in Egypt: 1980-1982 trials. *Egypt. J. Hort.* 11: 163-190.
30. **Hassan, A.A.**, H.M. Mazyad, S.E. Moustafa, S.H. Nassar, M.K. Nakhala, and W.L. Sims. 1984. Inheritance of resistance to tomato yellow leaf curl virus derived from *Lycopersicon cheesmanii* and *Lycopersicon hirsutum*. *HortScience* 19: 574-575.
31. **Hassan, A.A.**, H.M. Mazyad, S.E. Moustafa, and I.A.M. Desouki. 1985. Yield response of some tomato cultivars to artificial inoculation with tomato yellow leaf curl virus. *Egypt. J. Hort.* 12: 55-60.
32. Radwan, A.A., **A.A. Hassan**, and M.A.M. Ibrahim. 1986. Tomato cultivar evaluation for low temperature tolerance. *Egypt. J. Hort.* 13: 139-144.
33. Radwan, A.A., **A.A. Hassan**, and M.A.M. Ibrahim. 1986. Tomato cultivar evaluation for high temperature tolerance. *Egypt. J. Hort.* 13: 154-151.
34. **Hassan, A.A.** and K.E. Abdel-Ati. 1986. Assessment of broomrape tolerance in the genus *Lycopersicon*. *Egypt. J. Hort.* 13: 153-157.
35. **Hassan, A.A.** and I.A.M. Desouki. 1986. Salinity tolerance in tomato: evaluation methods and use of wild *Lycopersicon* species in breeding and in genetic studies. *Egypt. J. Hort.* 13: 159-170.
36. **Hassan, A.A.**, M.A. Abdel Fattah, and K.E. Ali. 1987. Inheritance of total soluble solids and ascorbic acid content in tomato. *Egypt. J. Hort.* 14: 155-160.
37. **Hassan, A.A.**, H. Laterrot, H.M. Mazyad, S.E. Moustafa, and M.K. Nakhla. 1987. Use of *Lycopersicon peruvianum* as a source of resistance to tomato yellow leaf curl virus. *Egypt. J. Hort.* 14: 173-176.

38. **Hassan, A.A.**, M.M. Marghany, and W.L. Sims. 1987. Genetics and physiology of parthenocarpy in tomato. *Acta Horticulturae* 200: 173-183. (Also pub. In *Egypt. J. Hort.* 14: 161-172, 1987; and *Abstr. In HortScience* 21: 705, 1986).
39. **Hassan, A.A.**, M.A. Al-Afifi, K. Matsuda, A. Koto, and S. Itani. 1989. Sources of salinity tolerance in *Lycopersicon* species. *Bull. Fac. Agric., Univ. Cairo* 4: 605-622.
40. Desouki, I.A.M. and **A.A. Hassan**. 1989. Production of improved true-breeding tomato cultivars for Egypt. *Egypt. J. Hort.* 16: 69-83.
41. Desouki, I.A.M. and **A.A. Hassan**. 1989. Production of improved hybrid tomato cultivars for Egypt. *Egypt. J. Hort.* 16: 93-99.
42. **Hassan, A.A.** and J.E. Duffus. 1990. a review of observations and investigations on the yellowing and stunting disorder of cucurbits. *Emirates J. Agric. Sci.* 2: 1-16.
43. **Hassan, A.A.** and H.H. Al-Masry. 1990. Preliminary evaluation of cucurbits for resistance to the yellowing and stunting disorder. *Emirates J. Agric. Sci.* 2: 123-128.
44. **Hassan, A.A.**, M.S. Wafi, and M.R. Shahin. 1990. Processing tomato cultivar evaluation in Al-Ain, U.A.E. *Emirates J. Agric. Sci.* 2: 37-49.
45. **Hassan, A.A.**, U.A. Obaji, M.S. Wafi, N.E. Quronfilah, H.H. Al-Masry, and M.A. El-Rays. 1990. Evaluation of domestic and wild *Cucumis melo* germplasm for resistance to the yellow stunting disorder. *Egypt. J. Hort.* 17: 181-199.
46. Al-Afifi, M. A., **A.A. Hassan**, S. Itani, H.H. Al-Masry, I.A. Al-Gharib, and S. Khalil. 1991. Response of processing tomato to nitrogen and phosphorus application at moderate and low temperatures. *Egypt. J. Hort.* 18: 45-62.
47. **Hassan, A.A.**, M.S. Wafi, N.E. Quronfilah, U.A. Obaji, M.A. El-Rays and F. Al-Izabi. 1991. Evaluation of domestic and wild *Lycopersicon* germplasm for tomato yellow leaf curl virus resistance. *Egypt. J. Hort.* 18: 23-43.
48. **Hassan, A.A.**, N.E. Quronfilah, U.A. Obaji, M.A. El-Rays, and M.S. Wafi. 1991. Evaluation of domestic and wild *Citrullus* germplasm for resistance to the yellow stunting disorder. *Egypt. J. Hort.* 18: 11-21.
49. Moustafa, S.E. and **A.A. Hassan**. 1993. Tomato cultivar evaluation with emphasis on tomato yellow leaf curl virus resistance. *Assuit J. Agric. Sci.* 24 (1): 155-172.
50. Abdel-Salam, A.M.M., **A.A. Hassan**, M.M. Merghany, K.A. Abdel-Ati, and Y.M. Ahmed. 1997. The involvement of a geminivirus, a closterovirus,

and a spherical virus in the interveinal mottling and yellow disease of cucurbits in Egypt. Bull. Fac. Agric., Univ. Cairo 48 (4): 707-722.

51. **Hassan, A.A.**, M.M. Merghany, K.A. Abdel-Ati, A.M.M. Abdel-Salam, and Y.M. Ahmed. 1998. Inheritance of resistance to interveinal mottling and yellowing disease in cucurbits. Egypt. J. Hort. 25 (2): 209-224.
52. **Hassan, A.A.** and S.F. El-Sayed. 1999. Chlorotic pod: a new physiological disorder of green-podded snap beans (*Phaseolus vulgaris* L.) associated with silver leaf white fly infestation. Egypt. J. Hort. 26 (2): 213-228.
53. **Hassan, A.A.** K.E.A. Abdel-Ati. 1999. Genetics of tomato yellow leaf curl virus tolerance derived from *Lycopersicon pimpinellifolium* and *Lycopersicon pennellii*. Egypt. J. Hort. 26 (3): 323-338.
54. Nassar, H.H., **A.A. Hassan**, M.A. Barakat, and M.S. Tolba. 1999. Tomato breeding for salinity tolerance. I. Screening methods. Egypt. J. Hort. 26 (3): 339-355.
55. Nassar, H.H., **A.A. Hassan**, M.A. Barakat, and M.S. Tolba. 1999. Tomato breeding for salinity tolerance. II. Assessment and nature of tolerance in some domestic and wild accessions. Egypt. J. Hort. 26 (3): 357-390.
56. **Hassan, A.A.**, H.H. Nassar, M.A. Barakat, and M.S. Tolba. 1999. Tomato breeding for salinity tolerance. III. Genetics of tolerance. Egypt. J. Hort. 26 (3): 391-403.
57. **Hassan, A.A.**, S.E. Moustafa, K.E. Abdel-Ati, and A.A. Mohammed. 2000. Development and release of some new tomato hybrids. I. Parental evaluation, hybrid yield performance and yield heterosis. Egypt. J. Hort. 27 (2): 201-218.
58. K.E. Abdel-Ati, S.E. Moustafa, **A.A.Hassan** and A.A. Mohammed. 2000. Development and release of some new tomato hybrids. II. Fruit physical characters and their heterosis. Egypt. J. Hort. 27 (2): 219-232.
59. **Hassan, A.A.**, S.E. Moustafa, K.E. Abdel-Ati, and A.A. Mohammed. 2000. Development and release of some new tomato hybrids. III. Hybrid fruit chemical characters and their heterosis. Egypt. J. Hort. 27 (2): 233-248.
60. Abdel-Ati, K.E.A., **A.A. Hassan**, S.E. Moustafa, and A.A. Mohammed. 2000. Genetics of some tomato fruit quality characters. I. Physical characters. Egypt. J. Hort. 27 (2): 249-264.
61. **Hassan, A.A.**, K.E. Abdel-Ati, S.E. Moustafa, and A.A. Mohammed. 2000. Genetics of some tomato fruit quality characters. II. Chemical characters. Egypt. J. Hort. 27 (2): 265-274..

62. Abdel-Ati, **A.A.Hassan**, S.E.S. A.A. Moustafa, and A.A. Mohammed. 2005. Inheritance of TYLCV resistance in some locally-bred tomato lines. Third Conference on Recent Technologies in Agriculture. Faculty of Agriculture, Cairo University: 601-606.
63. S.E.S Moustafa, **A.A.Hassan**, K.E.A. Abdel-Ati, and A.A.Mohammed. 2005 . Production of TYLCV – resistant tomato hybrids and their performance. Third Conference on Recent Technologies in Agriculture, Faculty of Agriculture, Cairo University : 607-625.
64. **A.A. Hassan**, S.A. Shehata, and M.A. El-Helaly. 2005. Potato internal black spot: cultivar differences and role of crop duration, K nutrition, and date of last irrigation. The 6<sup>th</sup> Arabian Conference for Horticulture, Ismailia, Egypt: 119-130..
65. F.A. Ahmed. K.E.A Abdel-Atil, **A.A.Hassan**, and M.A. Abo-Dahab. 2006. Frequency of male sterility factors in Behairy Red onion. Egypt. J. Plant Breed. 10(1):269-276
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