- Abd-El-Latif, G.1999. Varietals response to some agricultural treatments on onion. Ph. D. Thesis, Fac. of Agric. Moshtohor. 104 pp.
- Abd-Elmoez, M.R, A. Shaheen and A.A. Abd El-Fattah, 1997. Effect of town refuse, compost and sulpher on nutrients uptake, vegetative growth characteristics and yield of onion Egypt J. Appl. Sci, 12 (2) 197-208.
- Abo El-Hamed, A.S 1984. Effect of some agricultural treatments on onion production in Upper Egypt. M.Sc. Thesis, Fac. of Agric., Al-Azhar Univ.
- Abo-Sedera, F.A., S.M. Eid and I.O.A. Orabi.1991. Plant growth, yield and chemical composition of some garlic cultivars as affected by NPK fertilization. Annals of Agric. Sci. Moshtohor, 29 (3).
- Ahmed, A.A, A.I. Abou-Zauyed and M.M. El-Gammal 1977. Inbreeding on bulbs weight of onion (*Allium cepa L.*) and performance of some internal bulb characters in different onion strains. Agric. Res. Rev. Cairo, Egypt. 55 (8): 11-20.
- Amado, T.J. and L.A.J. Teixeira. 1992. Cover crop effects on nitrogen supply and onion yield. Onion Newsletter forth tropics 3, 13-15. Brazil. (c.f. Hort. Abstr., 62 (2): 1076).
- Attar, S. and B.N. Korla. 1991. Effect of transplanting dates and varieties on number of leaves and yield in onion (Allium cepa, L.) Vegetable Sci. 18 (1): 24-28 India. (c.f. Hort. Abstr., 64(1): 1994.).

- Bader, F.I.M., G.M. El-Shebing and F.A. Ahmed, 1995. Effect of sources and levels of nitrogen and transplanting density on bulb yield and quality of onion. Egypt J. Appl. Sci; 10 (9): 161-176.
- Bednarz, F. and A. Kadams 1989. Yield and quality of transplanted onion (*Allium cepa* L.) in Nigeria as influenced by variety, sowing date and other factors. Inst. of Trop. And sub Trop., Univ. Agric., 31-024-poland (c.f. Plant Breeding Abstr., 1991, 061-09527).
- Chapman, H. D. and P. F. Pratt. 1961. Methods of Analysis for Soil, Plant and Waters. Department of Soil and Plant Nutrition Univ. of California, Citrus Exp. Sta. Riverside, California.
- Cottenie, A. 1980. Soil and plant testing as basis of fertilizer recommendation . FAO. Soil Bull. 3812, FAO., Rome Italy.
- Deho-N. A, M.R Wang, M.K. Baloa, I. Rajpar, M.I. Keerio. 2002. NPK trial on onion (*Allium cepa L.*). Pakistan J. of Applied Sci. 2 (8): 820-821.
- D'yachenko, V.S. 1981. How to increase long storage of vegetables. Zashchita, Restenu. 1981. No. 1, 56-58. (From dialog information services, CAB Abstr. Database).
- Ekbladh, G. 1995. Effects of organic manures on leek Influence of raised beds and mulching on N availability. Academic publishers 157-171, Sweden. (c.f. Hort. Abst., 67 (4): 2917, 1997).
- El-Aweel, M.A.T. 1976. Direct seeding vs. transplanting of onion plants under different fertilizer treatments. M. Sc. Thesis, Fac. of Agric., Cairo Univ.137pp.

- El-Aweel, M.A.T., A.A. Ghobashi and A.K. El-Kafoury 2000. Yield potential and storability of some onion cultivars (Allium cepa, L.) Assut J. of Agric. Sci., 31(1): 89-100.
- El-Camili, A.E. 1996. Onion bulb production as affected by spacing between rows (plant density). Minufia J. Agric. Res., 21(5): 1323-1330.
- El-Gimili, A.E. and A.H. Abd El-Hadi. 1996. Effect of Nitrogen, Phosphorus and potassium fertilizers and their interaction on the growth and yield of onion (*Allium cepa,L.*) plant. Menofia J. Agric. Res., 21 (5): 1309-1321.
- El-Gizawy, A.M., I.I. El-Oksh, M.M.F. Abdallah, R.A.G. Mohamed and A.M.G. Abdalla. 1993-a. Effect of soil moisture and nitrogen Levels on growth and yield of onion grown in sandy soil. Bulletin of. Fac. of Agric., Cairo Univ. of. 44, (I):157-168.
- El-Habbasha, K.M., H. Abd EL-Aziz, A.M. Lafta and N.H. Hamey. 1984. Effect of set size and plant spacing of onion (*Allium cepa L.*) on the growth characters of the plant. The third Arab Hort. Conf. 7-10 October 40.
- El-Kafoury, A.K. 1986. Effect of some agricultural practices on yield components and storageability of some onion cultivars. Ph. D. Thesis, Fac. of Agric., Moshtohor, Benha Branch. Zagazig Univ. (Zagazig A.R.E.).
- El-Kafoury, A. K., A.K. Mostafa, M.Y. Ibrahim and A.M. Hegazy, 1996. Performance of some onion cultivars concern yield, quality, chemical constituents and storability of bulbs. J. Agric. Sci. Mansoura Univ., 21940: 1275-1285.

- El-Moshileh, A.M. 2001. Effect of nitrogen, phosphorus and potassium fertilizers on onion productivity in central reign of Saudi Arabia Assuit- J. of Agric. Sci. 32:1,291-305.
- El-Shafie, M.W., M.M. El- Gammal and A.K. El- Kafoury 1971. The development of two Egyptian onion varieties Giza-6-Mohassan and Behairy under Mallawy and delta conditions vegetable and Delta conditions. Vegetable Crop. Third Conformance, Alexandria Univ.
- El-Shafie, M.W. and W.A. Warid. 1979. Impact of cultivars and planting dates on yield of onion bulbs. The Libyan J. Agric. 8: 127-135.
- El-Sheekh, H.M. 1990. Effect of some agricultural practices on yield quantity and quality of Behairy onion produced by direct seedling. Ph.D. Thesis, Fac. of Agric., Mansoura Univ., (El-Mansoura- A.R.E.).
- El-Sheekh, H.M. and A.M. Hegazy. 1998. Effect of organic and mineral fertilizers on growth, yield, quality and storability of onion. J. Agric. Sci. Univ., 23 (8): 3641-3650.
- El-Sheekh, H.M., M.Y. Ibrahim and A.K. El-Kafoury. 1994. Influence of plant density, Nitrogen fertilizer level and their interaction on the growth, yield and storageablity of onion. Zgazig J. Agric. Res. 21. (38): 873-883.
- El-Zohery, S.S.M. 2004. Physiological studies on garlic crop. Ph.D. Thesis Fac. Of Agric. Moshtohor, Zagazig. Univ. 160 pp.
- Farag, M.M. 1986. Growth regulators and plant density in onion production. Ph. D. Thesis, Fac. of Agric. El-Minia Univ., (El-Minia-ARE).

- Farghali, M.A.and M.I.A. Zeid. 1995. Phosphorus fertilization and plant population effects on onion grown in different soils. Assiut J. of Agri. Sci. 26(4). 187-203. Assiut, Egypt.
- Fatma, A.R. 1997. Productivity of onion plant (*Allium cepa* L.) as affected by method of planting and NPK application. Egyptian J. of Hort. 24 (2) 219-238. Cairo, Egypt.
- Fatma, A.R., A.M. Shaheen, and S.M. Adam 1995. Onion bulb production as affected by some weed control treatments and plant density. Egypt. J. Appl. Sci 10 (6). 367.
- Foly, H.M.H. 1999. Effect of poultry manure and population density on the production and storageability of two garlic cultivars in the new reclaimed soil. Ph. D. Fac. Agric. Minia Univ.
- Gabal, M. R., I.M. Abd-Alla, M.S. Zaki and A.K. El-Kafoury, 1989. Evaluation of some onion cultivars for yield, quality and Storageability of bulbs. Annals of Agric. Sci. Moshtohor, 27(4): 2447-2461.
- Gomez, K.A. and A.A. Gomez, 1984. statistical procedures for Agricultural research.2<sup>ad</sup> ED John Willey sons, N.Y. 680. pp1.
- Haggag, M.E.A., M.A Rizk, A.M. Hagras and A.S.A. Abo El-Hamed 1986. Effect of N,P and K on yield and quality of onion. Annals of Agric. Sci. Ain Shams Univ.31 (2): 989-1010, Egypt..
- Hanna-Alla, M.H., A.K. El- Kafoury, M.Y. Ibrahim, and M. M. El-Gammal. 1991-a. Effect of nitrogen fertilizer levels on bulbs yield and quality of some onion cultivars. Menofiya J. Agric. Res. 16(2): 1637-1644.

- Hanna-Alla, M.H., M.Y. Iprahim and A.K. El-Kafoury 1991-b. Bulbs yield components of onion Giza 20 cultivar as affected by different NPK fertilizer treatments. Egypt. J. Appl. Sci., 6(10): 421-428.
- Hassan, M.S. and A.T. Ayoub 1978. Effects of N, P and K on yield of onion in the Sudan Gezira Exp. Agric., 14:24-32. (c.f.. Hort. Abst., 48 (5):4481.)
- Herison, C., J.G. Masabni, And B.H. Zandstra 1993. Increasing seedling density, age and nitrogen fertilization increases onion yield. Hort. Sci. 28(1): 23-25.
- Jackson, M.L.,1958. Soil chemical analysis, prentice- Hall Inc., Englewood Cliffs, N.G., USA.
- Jackson, M.L.,1967. Soil chemical analysis, prentice- Hall of India Private Limted, New Dellhi.
- Jana, B. K. and K. Jahangir. 1990. Effect of sulphur on growth and yield of onion cv. Nasik Red. Crop Res. (Hisar) 3 (2): 241-243, India (c.f. Hort. Abstr., 65 (11): 9049, 1995).
- Jitendera S, U. C. Pandey, M.K. Rana and V.K. Srivastava, 1992. Evaluation of rabi-onion cultivars. Hayrana Agric Univ. J. of Res. 22(2): 81-85 (c.f. Hort. Abstr. 64 (4) 1994).
- Khalaf, S.M. and E.M. Taha 1988. Response of garlic plants grown on calcareous soil to organic manuring and sulphur application. Ann Agric. Sci., Fac. Agric., Ain shams Univ., 33 (2): 1219-1232.

- Khalil, F. A., A.S. Abo El-Hamd, E.I. Mohamed and M.A.M. Hassan. 2002. Response of onion crop var. shandaweel 1 to some sources of organic fertilizers. Assuit. J. of Agric. Sci. 33 (5): 73-83.
- Khalil, R. M., A. A. Midan and O.S. Abu-Grab.1988-a. Adaptation of some onion cultivars under middle delta conditions in relation to nitrogen fertitization.1-Growth, bulbing behaviour and nutritional status. Minufia J. Agric., Res. 13 (1): 157-177.
- Khalil, R. M., A. A. Midan and O.S. Abu-Grab.1988-b. Adaptation of some onion cultivars under middle delta conditions in relation to nitrogen fertitlzation.2-bulbs yield, quality and storageability. Minufia J. Agric., Res. 13 (1): 179-194.
- Khereba, A.H. 1974. Evaluation of some Russian onion species and varieties for breeding purposes. Ph. D. Thesis, Leningrad, USSR pp. 150.
- Koriem, S.O. and I.A. Farag 1990-a. Effect of nitrogen fertilization, spacing and size of sets on growth, yield and quality of onion. 1-Growth characters Assiut J. of Agric. Sci., 21 (1): 257-265, Egypt.
- Koriem, S.O. and I.A. Farag 1990-b. Effect of nitrogen fertilization, spacing and size of sets on growth, yield and quality of onion (2- Cultivars ). Assiut J. of Agric. Sci., 21 (1): 267-275, Egypt.
- Koriem, S.O., F.A. Ahmed and I.A. Farag. 1990. Effect of irrigation frequency, planting density and nitrogen rate on bulb yield and quality in "Shandweel 1" onion grown from sets Assuit J. of Agric. Sci., 21 (1): 309-18, Egypt.

- Koriem, S.O., A.K. El-Kafoury and M.Y. Ibrahim 1996. Bulb yield components of some onion cultivars as affected by different planting methods and spacing between plants. Egypt J. Appl. Sci., 11(1): 53-63.
- Lisbao, R., J.B. Fornasier, T. Igue and A.P. Cury, 1986. Evaluation of onion (*Allium cepa* L.) cultivars, at different sowing dates Brogantia 44(1): 441-450. Brazil (c.f. Biological Abstr. 8 (12), AB 446).
- Lopes, J.F., 1987. Effects of planting dates and spacing on several characteristics of short day onion varieties grown in south Texas. (Abstract). Dissertation Abstract International, B (Sci and Engineering) 48 (6): 1564. USA. (c.f. Hort. Abstr. 58(9), 1988).
- Mc-Geary, D.J. 1985. The effects of plant density on the shape, size, uniformity, soluble solids content and yield of onion suitable for pickling. J. of Hort. Sci., 60 (1): 83-87.
- Miccolis, V. 1987. The effect of time of planting and of bulb size on the yield of salad onion from three onion cultivars. Informatory Agronomia 43 (18) 93-99. (c.f. Hort. Abstr. 58 (9), 1988).
- Mohamed, E.I. and A.A. Gamie 1999. Evaluation of some organic fertilizers as substitutions of chemical fertilizers in fertilizing onion. Egypt. J. Appli. Sci., 17 (7): 664-678.
- Mohanty-B.K. and A.M. Prusti 2002. varitel screening of onion for khrif cultivation. Research on Crops 3 (1): 145-148.
- Mohanty- B.K., T. Borik and D.K. Dora 1990. Effect of time of transplanting and age of seedlings on yield of onion (Allium cepa L.). Indian- Agriculturist 34: 111-113.

- Mondal, M.F., J.L. Brewster, G. El- Morris and A.B. Heather, 1986a. Bulb development in onion (*Allium cepa* L.) I. Effect of plant density and sowing date in field conditions. ANN Bot (1 ond) 58 (2): 187-196. (c.f. Bio. Abstr. 82 (11), AB).
- Moustafa A.K. 1979: Studies on the inter-relationships between some cultural practices and the yield of Behairy onion. M.Sc. Thesis, Fac. of Agric., Mansoura Univ., Egypt. 172 pp.
- Naik,B.H. and R.M. Hosamani. 2003. Effect of spacing and nitrogen levels on growth and yield of kharif onion. Karantaka. J. of Agric. Sci. 2003, 16 (1): 98- 102.
- Oladiran- JA, sangodele-ZE, 1996. Effect of cultivar and age of transplant on bulb yield onion (*Allium cepa* L.). Onion-Newsletter –for-the- Tropics. 1996, No. 7, 41-44.
- Omran A. F and M.A.Awad 1979. Effect of transplanting date, plant density and cultivars on yield and quality of onion. Minufia J. Agric. Res. Vol. 2, Dec. 299-317 pp.
- Oukal, T.M.A. 1999. Effect of some Agricultural treatment on the produdivity of onion plants on sandy soils. M.SC. Thesis, Fac. of Agric. Zagazig Univ. Egypt. 115pp.
- Patel, K.P., J.C. Patel and Sadaria, 1992. Yield and nutrient uptake by onion (*Allium cepa* L.) as influenced by irrigation, and phosphorus. Indian J. of Agron. Vol. 37 (2): 393-396 India (c.f. Hort. Abstr. 64 (1), 1994).

- Petkov, M., B. Khristove and S.B. Chvarov. 1976. The effect of mineral fertilizers on the yield and quality of onions grown as one-year crop without transplanting. Pachov Znzni, Agrokimiya 11(1) 72-83. (c.f. Hort. Abstr. 46(12) 11220.
- Pimpini, F., L. Giardini, M. Borin and G. Gianqinto. 1992. Effect of poultry manure and mineral fertilizers on the quality of crops. J. of Agric. Sci., Cambridge, 118, 215-221.
- Salazar M.O., D.F Gonzalez, A. Lewis and E. Gounoun 1995. Effect of two propagule size on the early production of three onion (*Allium cepa* L.) cultivars. Annual meeting of the Interamerican Society for Tropical Harta Santa. Marta, Colombia 3-8 sep. 39: 16-22, Cuba (c.f. Hort Abstr. 67(6), 1997).
- Shadia, B.D.Y., 2000. Effect of organic and inorganic Fertilizers on yield and quality of onion. M.Sc. Thesis, Fac. of Agric., Moshtohor, Zagazig Univ.
- Sharma- DP, 1998. Effect of age of seedling and nitrogen levels on growth and yield of onion CV. Pusared (*Allium cepa* L.). Advances- in- plant. Sciences. 1998, 11: 1, 237-239, 6 ref.
- Singh- J, and NK, Chaure. 1999. Effect of age of seedlings and nitrogen levels on growth and yield of onion (*Allium cepa* L.). Advances- in Horticulture- and- Forestry. 1999, 6: 73-77.; 8 ref.
- Singh, L., S. R. Bhonde, and V.K. Miskra. 1997. Effect of different organic manures and inorganic fertilizers on yield and quality of rabi onion. News. Letter. National. Hort. Res. and Development foundation 17:3.1-3. (c.f. CAP.C.D.).

- Singh-RB, and SB-Singh 2002. Significance of nitrogen, phosphorus and potassium on onion (*Allium cepa* L.) raised from onion sets (bulblets). Vegetable- Sci. 27: 1, 88-89.
- Tashkhodzhaev, A. T. 1985. Effect of organic fertilizer on potato yield and quality on sierozem soils. Agrokhimya. 11: 71-75.
- Vasets'kii, V.F. and V.I. Ostroverkhov 1986. Spacing and the inter-relationship of onions grown from sets, their yield and quality.Referativnvi zhurnal, (Rastenievodsivo). 1.55. 340 (c.f. Hort. Abst. 56 (7):5117).
- Warid, W.A.J.C. Guerrero and J.M. Loaiza 1996. Storage quality of bulbs of ten onion cultivars evaluated in Sonora, Mexico. Onion Newsletter for the tropics No. 7, 17-22 Maxico. (c.f. Hort. Abstr. 67, (5): 1997).