

**LITERATURE
CITED**

6- LITERATURE CITED

- Abou Sayed-Ahmed, T.A. (1997). Growth and fruiting of Baladi mandarin trees in relation to some soil fertilization treatments in sandy soil. 2- Leaf and root responses to the applied treatments. Zagazig J. Agric. Res., 24(6):1049-1063.
- Ahmed, F.F.; A.M. Akl; F.M. El-Morsy and M.A. Ragab (1997). The beneficial effects of biofertilizers on Red Roomy grapevines (*Vitis vinifera* L.). 1-The effect on growth and vine nutritional status. Annals of Agric. Sci., Moshtohor, 35(1):489-495.
- Akl, A.M.; F.F. Ahmed; F.M. El-Morsy and M.A. Ragab (1997). The beneficial effects of biofertilizers on Red Roomy grapevines (*Vitis vinifera* L.). 2-The effect on berry set, yield and quality of berries. Annals of Agric. Sci., Moshtohor, 35(1):497-502.
- Alvarez, C.E.; A.E. Carracedo; E. Iglesias and Mc. Martinez (1993). Pineapple cultivated by conventional and organic methods in a soil from a banana plantation. A comparative study of soil fertility, plant nutrition and yields. Biological Agriculture and Horticulture, 9(2):161-171.
- Ashinov, A.I. and Z.M. Bekanov (1999). Development of the roots of stone fruit stocks on various substrates. Sadovodstvo i Vinogradarstvo, No. 5-6, 11-12.
- Awad, F.; K.W. Khalil and M.A. Maksoud (1993). Comparative effects of some organic manures and bentonite as soil amendments. Agrochimica, 37(6):369-387.
- Awasthi, R.P.; R.K. Godara and N.S. Kaith (1998). Interaction effect of VA-mycorrhizae and Azotobacter inoculation on micro-nutrient uptake by peach seedlings. Horticultural Journal, 11(2):1-5.
- Bacha, M.A. and A.A. Abo-Hassan (1983). Effects of soil fertilization on yield, fruit quality and mineral content of Khudari date palm variety. Proceeding of the First Symposium on the Date Palm in Saudi Arabia. 174-180. Al-Hassa, Saudi Arabia, King Faisal University.
- Ball, S.T.; J.C. Wynne; G.H. Elkan and T.J. Schneeweis (1983). Effects of inoculation and applied nitrogen on yield, growth and nitrogen fixation of two peanut cultivars. Field Crop Research, 6(2):85-91.
- Ben-Yá-acov, A.; E. Michelson and I. Sela (1992). Field study of avocado (*Persea americana* Mill.) seeded rootstocks and scion sources: Final report of experiments planted as commercial orchards. I. Investigation of rootstocks, scions and manure at Bnei-Dror Fuerte orchard, planted in 1969. Alon Hanotea, 46(12):769-783.
- Bhangoo, M.S.; Ko S. Day; V.R. Sudanagunta and V.E. Petrucet (1988). Application of poultry manure influences Thompson seedless grape production and soil properties. HortScience, 23(6):1010-1012.

- Brown, J.D. and O. Lilleland, (1946). Rapid determination of potassium and sodium in plant material and soil extracts by flame-photometry. *Proc. Amer. Soc. Hort Sci.*, 48: 341-346.
- Bussi, C. and H. Defrance (1987). Organic fertilization in a peach orchard. *Arboriculture Fruitiere*, 34(391):44-46.
- Bussi, C.; J.G. Huguet; J. Besset and H. Defrance (1992). Effects of cultural techniques on growth and fruiting of peaches under localized irrigation. I- Effects of soil management, nitrogen fertilization and planting density. *Fruits Paris*, 47(4): 485-494.
- ✓ Chapman, H.D. and P.F. Pratt (1961). *Methods of Analysis for soil, plant and waters*. Univ. of Calif. Division of Agric. Sci.
- Chokha, Singh; B.B. Sharma and C. Singh (1993). Leaf nutrient composition of sweet orange as affected by combined use of bio and chemical fertilizers. *South Indian Horticulture*, 41(3):131-134.
- Chong, K.C.S. (1983). Effect of soil activity and fertilizer nitrogen on symbiotic nitrogen fixation, growth, and yield of peanuts and other grain legumes. *Dissertation Abstract International-B*, 43(7):2070.
- Clarke, G.M. and R.E. Kempson (1997). *Introduction to the design and analysis of experiments*. Arnold, a Member of the Holder Headline Group, 1st Edt., London, UK.
- Cook, G.W. (1982): *Fertilizing for Maximum Yield*. 3rd ed. Granada Publishing Limited, pp. 465.
- Dai, L.Z.; Z.J. Liang; R.H. Song; G.L. Guo and J.Z. Liu (1983). Techniques for the improvement of the fertility of red mountain soil in citrus orchards. *Fujian Agricultural Science and Technology Fujian Nongye Keji No. 6*, 14-18.
- Darfeld, H.J. and F.O. Lenz (1985). Long term effects of different nutrient supplies on pears. *Erwerbsobstbau*, 27(10):236-239.
- Das, P.K.; M.H. Gawda; R.S. Katiyar; A. Ghash and P.C. Choudhury (1996): Response of different mulberry cultivars to *Azotobacter* biofertilizer under irrigated conditions. *Indian Journal of Sericulture*, 35(1):35-38.
- Davitadze, M.M. (1991). Effect of liming on the productivity of young lemon orchards and fruit biochemical indices. *Subtropicheskie Kultury*, No. 4, 92-95.
- Duncan, D.B. (1955). Multiple range and multiple F-test *Biometrics*, 11:1- 42.
- El-Kobbia, A.M. (1999). Response of Washington navel orange to organic fertilizer "biohumus" and cattle manure application. *Alexandria Journal of Agricultural Research*, 44(2):199-207.
- Fernandez, F.M.; A.C. Enrique; P.A. Borges and A.R. Rodrigues (1998). The prospective (promising) biofertilization on vegetative crops. *Fruits Paris*, 53(2):79-87.

- Fisun, M.N. and A. Kh Kodzokov (1991). Below-crown application of fertilizers in plum orchards. *Sadovodstvo i Vinogradarstvo*, No.6, 11-12.
- Gadelha, R.S. de S. and A. Vieira (1988). The use of natural organic fertilizer in pineapples grown on regosol. *Comunicado do Estado do Rio de Janeiro, EMBRAPA, Brazil*, No. 195, 3pp.
- Gasanov, Z.M. (1984). Nitrogen nutrition and productivity of persimmon. *Sadovodstvo*, No. 12, 37.
- Goede, P.B. (1993). A comparison between enriched organic fertilizer and inorganic fertilizer, and different methods of application in mangoes in relation to yield, quality and economics. *Year Book South African Mango Growers' Association*, 13: 76-78.
- Gouda, M.; E.E. Kaoud and S.A. Mehana (1992). Influence of organic manures on grape production in newly-reclaimed sandy soil. *Zagazig J. Agric. Res.*, 19(6):2523-2532.
- Grassi, Filho, H.; M.A.A. Pereira; A.A. Savino and V.T. Rodrigues (1999). Growth of Rangpur lime seedlings (*Citrus limonia*, Osbeck) on different substrates. *Revista Brasileira de Fruticultura*, 21(2):186-190.
- Haggag, L.F. and M.A. Azzazy (1996). Evaluation of Microbein as a multi-strains biofertilizer for produced of improved mango seedlings with appropriate vigour for grafting in shorter time. *Annals of Agricultural Science, Cairo*, 41(1):321-331.
- Helail, B.M.; A.A.R. Atawia and S.M. Awad (1990). Leaf area in relation to leaf dimensions of different fruit trees. *Egypt. J. Appl. Sci.*, 5(2):162-176.
- Helail, B.M.; and S.M. Awad (1993). Response of Washington navel orange trees to paclobutrazol and Alar sprays. I- Tree growth and leaf nutrient content. *Egypt. J. Appl. Sci.*, 8(5): 452-471.
- Horwitz, W. (1970). *Official Methods of Analysis Association of Official Analytical Chemists* 11th ed. Washington, D.C.
- Huang, F.S.; H.S. Zhang; H.M. Qian and F. Yi (1995). Study on the effects of organic manures and leaf-spraying P and K on the fruit quality of extra early Satsuma mandarin. *China Citrus*, 24(2): 31-32.
- Hussein, M.A.; S.Z. El-Agamy; K.I.A. Amen and S. Galal (1992). Effect of certain fertilization and thinning applications on the yield and fruit quality of Zaghloul date palm. *Assiut Journal of Agricultural Sciences*, 23(2):349-360.
- Kalu-Singh; Singh-Sarjit and R.A. Pathak (1984). Studies on the effect of horse dung, cow dung and fertilizers on yield, fruit quality and chemical composition of leaves in mango cv. Dashehari. *Progressive Horticulture*, 16(1/2):120-123.
- Kopytko, P.G. (1984). Effects of organic and mineral fertilizers on soil fertility and on the productivity of apple trees. *Agrokimiya* No.12, 59-65.
- Lenartowicz, W. (1985). The influence of fertilization on the quality of small

- fruits. Part IV-The influence of mineral fertilization on the content of organic substances in raspberry fruits. *Fruit Science Reports*, 12(4): 143-153.
- Li, L.R.; M. Hou and D.H. Li (1993). Combined NPK fertilizer trial with young pummelo trees in slapping fields. *Guangdong Agricultural Sciences*, No. 3, 31-33.
- Li, P.; P.X. Yang; C.F. Guo; Y.D. Han; B.C. Chang; E.C. Rong and Z.H. Wang (1997). Response of pear trees cv. Suli to organic fertilization. *Agric. Tech. Ext. Cent. Ningling Country, Henan, China, Journal of Fruit Science*, 14(4): 262-264.
- Li, X.J.; S.F. Dong and Y.S. Liu (1998). Determination of IAA and cytokinins in the soil with different organic manure for pot cultured apple. *Plant Physiology Communications*, 34(3):183-185.
- Mahmoud, H.M. and F.A.F. Mahmoud (1999). Studies on effect of some biofertilizers on growth of peach seedlings and root rot disease incidence. *Egypt. J. of Horticulture*, 26(1):7-18.
- Makhmadbekov, S.; S.M. Gulov and L.M. Makhmadbekova (1984). Growth and productivity of Mayer lemon in semi-hydroponics. *Subtropicheskie Kultury*, No.4, 76-83.
- Mansour, A.E.M. (1998). Response of Anna apples to some biofertilizers. *Egyptian Journal of Horticulture*, 25(2): 241-251.
- Mansour, A.E.M. and F.F. Ahmed (1998). Productivity of Hindy Bissinara mangoes as influenced with the application of filter mud and farmyard manure. *Egyptian Journal of Horticulture*, 25(2):179-186.
- Marecek, F. and Z. Moravek (1983). Effect of organic manuring on apple growth and yield. *Sbornik UVTIZ Zahradnictvi*, 10(3):175-183.
- Motskobili, N.A. (1984). Assimilation area of Satsuma in relation to mineral nutrition and its effect on productivity. *Subtropicheskie Kultury*, No.5, 83-90.
- Mukherjee, S.K.; D.P. Rao; S. Mukherjee; M. Ray and B.B. Mohanty (1983). Manurial treatment at planting on growth and development of jackfruit. *Indian Journal of Horticulture*, 40(3/4):150-154.
- Nagarajan, P.; N.V. Radha; D. Kandasamy; G. Oblisami and S. Jayaraj (1989). Effect of combined inoculation of *Azospirillum brasilense* and *Glomus fasciculatum* on mulberry. *Madras Agricultural Journal*, 76(11):601-605.
- Noack, B. (1984). Results from a 3-year manuring experiment in a new apple orchard. *Obstbau*, 9(4):166-172.
- Piatkowski, M.S.; K. Pronka and T. Olszewski (1990). Effect of fertilization of two apple cultivars with macro- and micro-elements. *Acta Horticulturae* No. 274, 383-386.
- Pil'Shchikov, F.N. (1986). Soil cultivation in apple plantings. *Pitanie Plodovykh Rastenii*, 18-24.
- Polyak, D. (1982). Effect of sewage sludge on chemical composition of plants.

- Kerteszetű Egyetem Közleménye, 46(14):89-97.
- Pomares, F.; F. Tarazona; M. Estela and B. Martin (1983). Evaluation of commercial blue-green algae inoculant as fertilizer on citrus. Proceedings of the International Society of Citriculture, 2:583-585.
- Prabhuram, R. and S. Sathiamoorthy (1993). Effect of organic manures on duration of cropping in banana. South Indian Horticulture, 41(6):370-371.
- Pregl, E. (1945). Quantitative Organic Micro Analysis. 4th Ed. Chundril, London.
- Rabeh, M.R.M.; B.Y. El-Koumey and A.A. Kasem (1993). Effect of organic fertilization and some micronutrients application on Balady mandarin trees. II-Yield and fruit quality. Zagazig J. Agric. Res., 20(6):1865-1878.
- Rao, A.V. and H.C. Dass (1989). Growth of fruit plants as influenced by nitrogen fixing bacteria. Central Arid Zone Research Institute, Jodhpur, 342003, India. Annals of Arid Zone, 28(1-2):143-147.
- Sekiya, K.; Y. Umemiya; M. Koto and M. Hirobe (1983). Experiments with farmyard manure application in Satsuma orchards on andosols. Bulletin Fruit Tree Research Station Japan A Yatabe No. 10, 73-90.
- Sermann, R.; J. Hamhalter and G. Ulrich (1975). Use of organic manure in fruit growing. Gartenbau, 12(22):363-364.
- Silva, D.J. (1998). Organic fertilizer in irrigated mango in the region of Sao Francisco Pesquisa em Andamento Centro de Pesquisa Agropecuaria do Tropico Semi Arido, No. 92, 5pp.
- Sharma, S.D. and V.P. Bhutani (1998). Response of apple seedlings to VAM, Azotobacter and inorganic fertilizers. Horticultural Journal, 11(1):1-8.
- Smith, B.L. (1994). Nutrition of young tissue cultured banana plants. Inligtingsbulletin Instituut Vir Tropiese en Subtropiese Gewasse No.262, 12.
- Song, Chun He; Ming Yong. Zhang; Xiouling. Song; Hong Yan. Li; Li Jing. Cui; You Yan. Wang; C.H. Song; M.Y. Zhango; X.L. Song; H.Y. Li; L.J. Cui and Y.Y. Wang (1999). Study on the early high production techniques for interstock Nagano 2 Fuji apple variety. China Fruit, No.4, 42-44.
- Takahashi, R.; L.T. Dias; N.H. de Souza; K.M. Takahashi; S.P. Marincek and Souza NoH. De (1998). Development of mulberry and the performance of silkworms (*Bombyx mori* L). under the effect of manures of different origins. Boletim de Industria Animal, 55(1):95-98.
- Tanas'ev, V.K. (1984). Accumulation structure and balance of phytomass of apple trees in an intensive orchard. Sadovodstvo, Vinogradarstvo I Vinodelie Moldavii No.1, 21-23.
- Tanas'ev, V.K. and V.V. Balan (1983). Apple productivity in relation to planting design and mineral nutrition. Sovremennye Problemy Intensifikatsii Plodovodstva, 23-27.

- Tisdale, S.L. and W.L. Nelson (1956). Soil Fertility and Fertilizers, 1st Ed. The Macmillan Company, New York, pp.430
- Tiwary, D.K.; M.A. Hasan and P.K. Chattopadhyay (1999). Leaf nutrient and chlorophyll content in banana (*Musa* AAA) under the influence of *Azotobacter* and *Azospirillum* inoculation. Environment and Ecology, 17(2):346-350.
- Tkachuk, V.V. (1983). Changes in nutrient elements in apple organs under the effect of fertilizers. Sadovodstvo, Vinogradarstvo I Vinodelie Moldavii No.10, 16-18.
- Troug, E. and A.H. Meyer (1929). Improvement in the Denige's colorimetric method for phosphorus and arsenic. Indd. Eng. Chem. Anal. Ed.1:139.
- Tsipko, A.A. (1982). Role of organic fertilizers in increasing apple productivity. Sadovodstvo, Vinogradarstvo I Vinodelie Moldavii No.10, 20-22.
- Umemiya, Y. and K. Sekiya (1985). Effects of heavy application of animal manure on soil chemical properties, leaf nutrient composition and fruit quality in orchards. Bulletin Fruit Tree Research Station, Japan-A-Yatabe No.12, 61-78.
- Villasurda, P.J. and N.M. Baluyut (1990). Growth and yield of guava (*Psidium guajava* L.) as affected by different levels and sources of organic and inorganic fertilizers. USM College of Agriculture Research Journal, 1(1):18-33.
- Vogel, A. (1968). A Text Book of Quantative Inorganic Analysis. Longmans, New York, pp.1216.
- Wang, C.T.; H.T. Chen and F.J. Lay (1991). Effects of organic manures on the yield and quality of grapes. Bulletin of Taichung District Agricultural Improvement Station No.32, 41-48.
- Wang, S.S. and D.B. Ranawade (1998). Effect of microbial inoculants on fresh root development of grape var. Kishmis Chorni. Recent Horticulture, 4: 27-31.
- Wettstein, D. (1957). Chlorophyll Letal Under Submikroskopische. Formonech Selderplastiden, Exctl. Cell. Res., 12:427-433.
- Ye, JianWin; YouMin. Lu; Zikum. Zhou; J.W. Ye; Y.M. Lu and Z. K. Zhou (1999). Study on the effect of applying organic humus manure on the production and fruit quality of pummelo cultivar Guanxi Miyou. South China Fruit, 28(2):22.

