

REFERENCES

VI. REFERENCES

- Arisawa, M., M. Asano, T. Kinoshita, and L. Inagake* 1980. Studies on nutritional disorders of watermelon plants II Influence of several rootstocks on the nutrient uptake of the grafted watermelon. Res. Bul. of the Aichi – Ken Agric. Res. Center (1980) No. 12, 156 – 163.
- Association of Official Agriculture Chemists A.O.A.C.* 1970. Official Methods of Analysis, The Association of Official Agricultural Chemists. 11th Ed. P.O. Box: 540, Washington D.C., U.S.A.
- Balaz, F.* 1982. Possibilities of grafting certain watermelon cultivars on lagenaria vulgaris to prevent Fusarium wilt. Savremena – Poljoprivreda. 1982, 30: 11-12, 563-568. (C.F. computer search Abstr.).
- Baulbals, D. and P. Huglin,* 1950. A study of incompatibility in grafting certain varieties of vine on 57 R. Prog. Agric. Vitic., 134: 183. (C.F. computer search Abstr.)
- Bird, C. W.* 1969. Depth of migration of Meloidogyne incognata (Nematode) and cucumber roots. Can. J., Pl. Sci. 49: 90 – 92 .
- Brown, J.D. and D. 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.
- Buitelaar, K.* 1987. Cultivars for the very early culture of melon . Groenten – en – fruit. 1987, 42:26 – 29. (C.F. computer search Abstr.).
- Caperton, C.M., R.D. Martyn, and J.L. starr.* 1978. Effect of Fusarium inoculum density and root – knot nematode on wilt resistance in summer squash. Plant Dis., 70 (3): 207 – 209.

- Choi, K.S., Y.H.Om, D. Y. Park, S. S. Lee and C.H. Lee.** 1980. The interspecific hybrid Weonkyo Golas a rootstocks for cucurbits. Hort. and Sericulture, Suwon. 1980. 22. 1-5.
- Choo, H.Y., S.M. Lee, H.K. Kim and Y.E. Cohi.** 1990. Influence of *Meloidgyne incognita* on the development of cucumber wilt by *Fusarium oxysporum* f. sp. *cucumerinum*, Korean Journal of pl. pathol., 6: 412 – 416. 1990 (C.F. computer search Abstr.).
- Costache, M., S. Mihallesu, M., Mindricel, and A. Tomescu.** 1978. Control of cucumber wilt in glasshouse. II Factors favoring infection by *Fusarium oxysporum* f. sp. *cucumerinum*. Own and Vegelala . Hort., 27: 3-6 1978. (C.F. R. of . Pl. Pathl., 55: 1979.)
- Donald, R. Sumner and A.W. Johanson.** 1973. Effect of root – knot nematodes on *Fusarium* wilt of watermelon. Phytopathology, 63 : 857 –861.
- Esau, k.** – 1960. Anatomy of seed plants. John wily and sons Inc. P. 246 – 247.
- Fadle, F. A., M.M. Mahrous, A.A., Radwan, S., Baha EL-Din, and H. H., Shahin.** 1984. Studies on root diseases of cucurbits in Egypt . Agric. Res. Rev. 62 (2): 246 – 256.
- Gomez, k.A. and A.A. Gomez.** 1983. Statistical procedures of Agric. Res. 2nd Ed. John wiley and sons pub. 139 – 153 pp.
- Granges, A. and A. Leger.** 1996. Comparison between tomato plants grafted with one or two stems and with soil steaming in the glasshouse. Hort. Sci. 1996. 28 (6) 389 – 392.
- He – ZL and Fu- XY.** 1988. Trials on watermelon grafted for resistance to wilt. Fujian. Agricultural Science – and Technology. 1988 No. 3,4.
- Honick, A.** 1984. Resistance to rootgall nematodes. New rootstocks for cucumber under glass. Gemiise 1984. 20. (2). 45 – 46. (C.F. Computer search Abstr.).

- Horsfall, J. F.** and **R.W. Barratt** 1945. An improved grading system for measuring plant diseases phytopathology, 35: 55.
- Ikeda, H, S. Okitsu,** and **K. Arai** 1986. A comparison of magnesium deficiency in grafted and non grafted cucumbers in water culture and soil culture and the effect of increased magnesium application in preventing magnesium deficiency, Bul. of the Veg. and Ornamental Crops Res. Station, C- Kurume. 1986, No. 9.31 – 34. (C.F. Computer search Abstr.).
- Janowski, G.** and **H. Skapki.** 1985. Hydro – peat method for greenhouse cucumber production Acta – Hort. 1985 No. 156, 27 –33.
- Jebari, H.** 1994. Grafting early melon in cold plastic house. Annales de L'Institut National; de la Recherche Agronomique de Tunisie 91994) 67 (1/2) 165 – 176. (C.F. computer search Abst.)
- Johansen, D. A.** 1940. Plant Microtechnique No. 63. Tata. Mc. Graw – Hill Pub. Co. New Delhi pp. 126 – 154.
- Johanson, A.W.,** and **S.A. Harmon** 1974. Cantaloupe yield and grade increased by chemical control of M. incognita P1 Dis. Repr., 58 : 746 – 749.
- John, M. K.** 1970. Colorimetric determination of phosphorus in soil and plant materials with ascorbic acid, Soil Sci. 109 : 214 – 220.
- Kim SE** and **JM Lee.** 1989. The effect of grafting and fertilizers on growth and mineral contents of leaves of cucumber (Cucumis sativus L.) Korean Society for Hort. Science. 1989, 7:1, 46-47. (C. F. computer search Abstr.)
- Klose, P, J. Hertuing** and **K. Kuhnert.** 1980. Long-term experiments with grafting of greenhouse cucumbers on Cucurbita ficifolia in the LPG "Fruhgemusez- entrum Dresden". Gartenbau. 1980, 27:11, 330 –332. (C. F. computer search Abstr.)

- Kolthoff, I. M.* and *E.B. Sandell*. 1943. Text book of quantitative inorganic analysis . 347 – 360.
- Laemmli; U. K.* 1970. Cleavage of structural proteins during the assembly of the Head of bacteriophage T4. *Nature*, 227: 680 – 685.
- Lee, J. M.* 1989. On the cultivation of grafted plants of cucurbitaceous vegetables. The Korean society for Hort. Sci. (Korea Republic). (Oct. 1989). Vol. 30 (3) P. 169 – 179. (C.F. computer search Abstr.).
- Ma Hong; Meng, Xiang Dong; Wel Min, Wang X iao Su* – 1997. A comparative study on different grafting methods of cucumber. *Acta Agric. Shanghai*, (1997) 13 (1) 87 – 89.
- Matsuda, T* and *F. Honda*. 1981. Studies on physiological disorders of melon fruits - 1. Influence of grafting and plant – and fruit – pruning in “Prince” melon *Bul. of the Veg. and Ornamental Crops Res. Station, - C,- Kurume* . 1981, No. 31 –50.
- Michel, K. A., J. K., P.A. Gilles, I. A Robers Hamilton, and F. Smith*. 1956. Colorimetic method for determination of sugars and related substances. *Anal. Chem.* 28 (3).
- Mijuskovic, M.* and *Z. Vucinic*. 1977. Fusarium wilt of watermelon in Montenegro and the possibility of its control . *Glasnik – Odjelenja – Prirodnih – Nauka*. 1977.21229 –250. (C. F. computer search Abstr.)
- Moiseave, M. N.* 1958. Root formation by the scion in grafts of solanaceous and other plants. *Bot. Zournal*, 43 : 85 – 92 bibl –12 (C.F. Hort. Abstr. Vol. 28. No. (4) 2668.
- Mounir, M.M.* 1965. Physiological and anatomical response of fruits and plant of watermelon grafted on different cucurbita species. Ph. D. Thesis Ain Shams university Cairo Egypt. pp 172.

- Murphy, J. and J. R. Riely.* 1962. A modified single solution method for the determination of phosphate in natural water. *Anal. Chim. Acta*, 27:31 – 36.
- Musacchl, S.* 1996. Biochemical aspects of rootstock incompatibility . Bologna, Italy, Universita' degli Studi di Bologna (1996) 209 – 215. (C.F. computer search Abstr.)
- Nienhuis, J, R.L. Lower, and D. M. pharr.* 1979^a. Interspecific grafting to promote flowering in Cucumis hardwickii. Report, - Cucurbit – Genetic Cooperative 1979, No. 2, 11-12.
- Nienhuis, J., R. L. Lower, and D. M. Pharr.* 1979^b. The effect of various graft combination of gynoeceous and monoecious cultivars of Cucuumis sativus on the flowering response of Cucumis hardwickii. *Hort Science* 1979, 14: 3. 111, 435.
- Nijs - APM - den.* 1981. The effect of grafting on growth and early production of cucumbers at low temperature. *Acta Hort.*, 1981 No. 119, 57 – 63.
- Nomura, Y.* 1992. Pathogenicity to pumpkins (cucurbita sp.) of bottle gourd *Fusarium* wilt organism (Fusarium oxysporum F. sp. lagenariae) isolated from actely wilted cucurbiteceous plants. *Annals of the phytopathological Society of Japan* 1992, 58: 373 – 379 (C.F. Rev. of Pl. Pathol., 72 : 1993).
- Nomura, Y.* 1993. Infection without symptoms appearance of Fusarium oxysporum f. sp. melonis on Cucurbita ficifolia, *Annals of the phytopathological Society of Japan*, 1993, 59: 33 –36 (C.F. Rev. of pl. Pathol. 72: 1993).
- Oda, M, K. Tsuji, and H. Sasaki.* 1993. Effect of hypocotyl morphology on survival rate and growth of cucumber (Cucumis sativus) seedlings grafted on cucurbita spp. JARQ (Japan). (Mar. 1993). Vol. 26 (4) P. 259 – 263. (C. F. computer search Abstr.)

- Oda M, K. Tsuji, K. Ichmura, and H. Sasaki.** 1994. Factors affecting the survival of cucumber plants grafted on pumpkin plants by horizontal grafting at the hypocotyl level. Bulletin of the National Res. Inst. of Veg. Ornamental Plants and Tea. - Series A: Veg. and Ornamental Pl. 1994, No. 9, 51 – 60; fig. (C.F. computer search Abstr.).
- O'Brien, T. P. and M. E., Mc Cully.** 1981. The study of plant structure principles and selected method. Termar Phi Pty Ltd. Australia. PP. 430 – 450.
- Otiefe, B. A., D. M. Elgendi and F.F. Moussa,.** 1970. Root Knot problem in recently reclaimed sandy areas of N.A.R. Nematode information and host range. Overdruk Uit Mededeigan Fatuliteit landbouw Wetenachappen gent, 1970, 35: 1167 –1176 (C.F. computer search Abstr.).
- Park, J.Y., and D. H. Chung.** 1989. Effect of several rootstocks on plant growth, fruit quality and yield in oriental melon (Cucumis melon L.) The Korean Soc. for Hort. Sci. (Korea republic) . (Dec 1989). Vol. 30 (4) P. 262 – 270.
- Prataviera AG, A.H. Kuniyiuki, and K. Ryugo.** 1983. Growth inhibitors in xylem exudates of Persion Walnuts (Juglans regia L.). Journal of the American Soc. for Hort. Sci. 1983. 108: 6, 1043 – 1045.
- Pregl, E.** 1945. Quantitative organic microanalysis 4th Ed. J. chundril, London.
- Schonhard, G.** 1973. Nutrient uptake by grafted cucumbers in relation to the occurrence of graft chlorosis. Phytophologische – Zeitschrift. 1973, 78:2, 152 – 159.
- Sharma, G. C., K. B., Rastogi, Y. R., Shukla, and M. L., Khan.** 1995. Reaction of cucumber varieties to root knot nematode (Meloidogyne incognita) . Annals of Agri. Res., 16 : 33 –35.

- Shimada, N* and *K Nakamura* 1977. Plant nutrition studies on the grafting of garden crops. 1 Nutrient absorption by grafted plant (watermelon and bottle gourd) in culture solutions with varying nutrient levels. J. of the Sci. of soil and Manure, Japan. 1977, 48: 7-8, 280 – 286.
- Shimada, N* and *M. Moriya* 1977. Plant nutrition studies on the grafting of garden crops. 2. Nutrient absorption by grafted plants (cucumber and pumpkin) in culture solutions with varying nutrients leaves. J. of the Sci. of soil and Manure, Japan 1997. 48: 9-10, 396 – 401.
- Simonov, D.* 1974. The grafting of some varieties of watermelon (*Citrus vulgaris* S. chrad). on lagenaria sp. for early yield in the Skopje region. Zbornik, Zemjdod elski Institute, Skopje 1974. 10: 83 – 95. (C.F. Computer search Abstr.).
- Steel, R.G. D.* and *J. H. torrie* . 1980. Principles and procedures of statistics . Mc graw Hi. Book co. New york, PP 481.
- Stephenc, T. Christine, R. Xlatin, H. C. Price,* and *E. Grafius*. 1987. Wilt disorders of cucurbita. North Central Regional Extension Puplication, 261, August, 1987 .
- Studier, F. W.* 1973. Analysis of bacteriophage T. Early RNAS and protien of slab gels. J. Molecular Biology, 79 : 237 – 248.
- Summer, D. R.,* and *A. W. Johanson* . 1972. The effect of nematode and crop sequence on Fusarium wilt of watermelon (Abstract) Phytopathology, 62 : 791.
- Swain, T.* and *W.E., Hillis*. 1959. The quantitative analysis of phenolic constituent. J. Sci. Food Agric. 10: 63.
- Tiedemann, R.* 1989. Graft union development and symplastic phloem contact in the heterograft Cucumis on *Cucurbita ficifolia*. J. of pl. Physiol. 1989, 134, (4): 427 – 440.

- Tiedemann, R. and U. Carstens – Behrens** 1994. Influence of grafting on the phloem protein patterns in Cucurbitaceae 1. Additional phloem exudate proteins in Cucumis sativus grafted on two Cucurbita species. J. of pl. physiol. 1994. 143 : 2. 189 – 194;
- Tsambanakis, J.** 1984. Grafting cucumber hybrids on the rootstocks Cucurbita ficifolia. Proceedings of 3rd conference on Protected Vegetables and Flowers 1984, 28. Heraktion, Greece.
- Uffelen J. JAM V. Van.** 1983. Rootstocks for grafting cucumber Groenten – en Fruit. 1983, 38: 45, 34 – 35. (C.F. computer search Abstr.).
- Uffelen J. JAM V. Van** 1985. Grafting for later crops. Groenten – en – Fruit. 1985, 40 : 40, 50 – 51. (C.F. computer search Abstr.).
- Uffelen J. JAM V. Van. and J., Bulthuis.** 1982. Protecting and grafting Groenten – en Fruit. 1982, 37: 28, 71 – 73. (C.F. computer search Abstr.).
- Vakalounakis, D. J.** 1996. Root and stem rot cucumber caused by Fusarium oxysporum f. sp. radicis cucumerinum f. sp. nov. Pl. Dis., 80: 313 – 316.
- Weng – ZX; Li – BD, Dx - Feng -** 1993. Study on enhancement of cucumber resistance and yield by grafting on cucurbita ficifolia. Chinese – Vegetables. 1993, No. 3, 11-15. (C.F. Computer search Abst.).
- Yamasaki, A, M. Yamashita, and S. Furuya.** 1994. Mineral concentrations and cytokinin activity in the xylem exudate of grafted water melons as affected by rootstocks and crop load. J. of the Japanese Soc. For Hort. Sci. 1994. 62 : 4. 817 – 826.
- Yoneyama, S.** 1976. Studies on the pathological influence of Fusarium wilt of cucumbers and the mechanism of protection from it given by grafting on cucurbita spp. Bulletin of Lboraki Ken Hort. - Experiments – Station. 1976, Special Issue No. 2, 89 pp., 117 Pl.; 118 ref. (C.F. computer search Abstr.).

- Zijlstra, S, Spc – G root, and J. Jansen* 1993. Genotypic variation of rootstocks for growth and production in cucumber; possibilities for improving the root system by plant breeding. *Scientia – Hort.* 1993, 56 : 3.185 –196.
- Zink, F. W.* 1991. Origin of fusarium wilt resistance in Texas. AES muskmelon cultivars. *P1 Dis*, 75: 24 –26.