

## **8- LITERATURE CITED**

- Allam, A.M. and El-Rayes, D.E. (1991a):** *In vitro* propagation of "Nemaguard" peach rootstocks. Minufia J. Agric. Res., 16(1): 573-578.
- Allam, A.M.; El-Rayes, D.E. and Mansour, M.F. (1991b):** Rapid multiplication of Thompson seedless grapevine by *in vitro* culture of shoot apices and axillary buds. Minufia J. Agric. Res., 16(2): 1657-1665.
- Almehdi, A.A. and Pafitt, D.E. (1986):** *In vitro* propagation of peach. I- Propagation of Lovell and Nemaguard peach rootstocks. HortScienc, 40:12-17.
- Altman, A. (1989):** Polyamines and Plant Hormones. In Bachrach, U. and Heimer, M.Y.I. (Eds.) The physiology of Polyamines, 2: 121-145.
- Amin, M.N. and Jaiswal, V.S. (1987):** Rapid clonal propagation of guava through *in vitro* shoot proliferation and nodal explants of mature trees. Plant Cell, Tissue and Organ Culture, 9(3): 235-243. (Hort. Abst., 57:9028).
- Anagnostakis, S.L. (1974):** Haploid plants from anthers of tobacco-enhancement with charcoal. Planta, 115:281-283.
- Antonelli, M. and Chiariotti, A. (1988):** *In vitro* rooting of different peach genotypes. Acta Horticulturae, 300: 255-259.
- Bajaj, Y. P. S. (1986):** Biotechnology in Agriculture and Forestry. pp. 170-183 Springer-Verlag. Berlin, Heidelberg, New York.

- Bajaj, Y. P. S. and Nitsch, P. (1975):** *In vitro* propagation of red cabbage (*Brassica oleracea* L. var. *Capitata*). J. Exp. Botany, 26: 883-890.
- Barghehi, M. and Alderson, P.G. (1983):** *In vitro* propagation of *Pistacia vera* L. from seedling tissues. HortScience, 58(3): 435-445.
- Barlass, M. and Skene, K.G. (1982):** *In vitro* plantlets formation from *Citrus* species and hybrids. Scientia Hort., 17: 333-341.
- Batten, D. J. and Goodwin, P.B. (1978):** Phytohormones and the induction of adventitious roots. In. Lethan, D.S., Goodwin, P.B., Higgins, T. J.V. (Eds.) Phytohormones and Related Compounds : A Comprehensive Treatise, Vol. 2 Amsterdam, Elsevier North-Holla and Biomedica Press. pp. 137-145.
- Berthon, J.Y.; Moldiney, R.; Sotta, B.; Gaspard-Boyer, N. (1989):** Endogenous levels of plant hormones during the course of adventitious rooting in cuttings of *Sequoiadendron giganteum* (Lind L.) *in vitro*. Biochem. Physiol., Pflanzen, 184: 405-412.
- Bhagyalakehmi, H. and Narendras, S. (1988):** Meristem culture and micropropagation of a variety of ginger (*Zingiber officinale* Rosc.) with a high yield of oleresin. J. of Hort. Sci., 63(2): 321-327.
- Blakesley, D.; Weston, G.D. and Elliott, M.C. (1991):** Endogenous level of indole-3-actic acid and abscisic acid during the rooting of *Cotinus coggygria* cuttings taken at different times of the year. Plant Growth regulators, 10:1-12.

- Bonner, J. and Galston, A.W. (1959):** Principles of Plant Physiology. Published by W.H. Freeman and Company, San Francisco. pp. 350-387
- Bottino, P.J. (1981):** Methods in Plant Tissue Culture. Dept. of Hort. Maryland Agric. College, Maryland Univ., College Park, Maryland, USA, pp. 8-29.
- Boxus, P. (1981):** Commercial production of strawberry plants produced by meristem culture and micropropagation. Colloques Scientifiques No. 15: 283-322 (Hort. Abst., 53: 7669, 1981).
- Brooks, R.M. and Olmo, H.P. (1961):** Register of new fruit and nut varieties Nemaguard peach. Proc. Amer. Soc. Hort. Sci., 78: 634-635.
- Caboni, E. and Damiano, C. (1994):** Rooting in two almond genotypes. Plant Science (Limerick), 96(1/2): 163-165.
- Chiariotti, A. and Antonelli, M. (1988):** The effect of 6-BAP and adenine sulphate on peach shoot proliferation. Acta Horticulturae, 227: 418-420.
- Cohen, J.D. and Bandurskirs (1982):** Chemistry and Physiology of the bound auxins. Plant Physiology, 33:403-430.
- Debergh, P.C. and Maene, L.J. (1983):** Contribution of tissue culture techniques to horticultural research and production. Acta Hort., 131: 23-37.
- Dodds, J. H. and Roberts, L. W. (1982):** Experiments in plant tissue culture, Cambridge Univ. Press. pp. 1- 35
- Driver, J.A. and Kuniyuki, H. (1984):** *In vitro* propagation of Paradox Walnut rootstock. HortScience, 19:504-509.

- El-Bahr, M.F.; El-Gizawy, A.M.; Moursy, H.A. and Bekhett, S.A.** (1993): Some factors affecting the establishment of Vitrolobe artichoke cultures. 14th conf. Agric. Dev. of Res., Ain-Shams Univ., Annals of Agric. Sci., P. Issue, 2: 751-763.
- El-Wakeel, M.H.** (1991): Studies on the propagation of some apple rootstocks. Ph. D. Thesis, Fac. Agric., Ain-Shams Univ., Cairo, Egypt. ✓
- Fawcett, C.H.; Wain, R.L. and Wightman, F.** (1969): The metabolism of 3-indolylalcanecarboxylic acids and their amides, nitrates and methyl ester in plant tissues. Proc. Conf. Nursery Prod of Fruit Plant Tissue, 152: 231-254.
- Fitchet-Purnell, M.** (1990): Dimple guava established in tissue culture. In Ligting Bulletin. Navor, Sigsinstituut Vir Sitrus en Subtropiese Vruchte No. 212, 5. Citrus & Subtropical Fruit Res. Inst., Nelspruit, South Africa. (Hort. Abst., 62: 2605).
- Goussard, P. G.** (1982): Morphological responses of shoot apices of grapevine cultured *in vitro*. I- Effects of cytokinins in routine subculturing. Vitis, 21(4): 293-298.
- Gray, D. J. and Beneton, C. M.** (1990): Micropropagation and plant establishment of Muscadine grape. Proc. Fla. State Hort. Soc., 103: 300-302.
- Gray, ----- and -----** (1991): *In vitro* micropropagation and plant establishment of Muscadine grape cultivars (*Vitis rotundifolia*). Plant Cell, Tissue and Organ Culture, 27(1): 7-14.

- Gunidy, F.L. (1990):** Production of some fruit rootstocks through tissue culture technique. Ph.D. Thesis, Fac. Agric., Ain-Shams Univ., Cairo, Egypt.
- Hackett, W.P. (1970):** The influence of auxin, catechol and methanolic tissue extracts on root initiation in aseptically cultured shoot apices of the Juvenile and adult forms of *Hedera helix*. J. Amer. Soc. Hort. Sci., 95: 398-402.
- Hammerschlage, F.A. (1980):** Peach Micropropagation. In: Agric. Res. Results ARR. NE-11, Beltsville, Md., US Dept. Agric. Sci., Educ. Admin. pp. 48-52
- Hammerschlage, F.A. (1981):** Factors affecting the culturing of peach shoots *in vitro*. HortScience, 16(3): 282.
- Hammerschlage, F.A. (1982a):** Factors influencing *in vitro* multiplication and rooting of the plum rootstock Myrobalan (*Prunus cerasifera* Ehrh.). J. Amer. Soc. Hort. Sci., 107(1): 44-47.
- Hammerschlage, F.A. (1982b):** Factors affecting establishment and growth of *in vitro* peach shoots. HortScience, 17(1): 85-86.
- Hammerschlage, F.A.; Bauchan, G.R. and Scorza, R. (1987):** Factors influencing *in vitro* multiplication and rooting of peach cultivars. Plant Cell, Tissue and Organ Culture, 8: 235-242.
- Hildebrandt, V. and Horney, P.M. (1988):** Factors affecting the release of phenolic exudate from explants of *Pelargonium X hortorum*, Balley "Sprinter Scarlet". HortScience, 63: 651-657.

- Huetteman, C.A. and Preece, J.E. (1993):** Thidiazuron : A potent cytokinin for woody plant tissue culture. *Plant Cell, Tissue and Organ Culture*, 33(2): 105-119.
- Ishida, M.; Matsuyama, H.; Kitajima, A. and Sobayima, Y. (1989):** *In vitro* propagation of *Prunus japonica* Thumb., a dwarfing rootstock for peach trees. *J. of the Japanese Soc. for Hort. Sci.*, 58: 49-54.
- Jaiswal, V.S. and Amin, M.N. (1987):** *In vitro* propagation of guava from shoot cultures of mature trees. *Plant Physiol.*, 130(1): 7-12. (Hort. Abst., 57:10041).
- James, D.J. and Thurboon, I.J. (1979):** Rapid *in vitro* rooting of apple rootstock MG. *HortScience*, 14(4): 309-311.
- James, F.H. (1984):** Micropropagation of Northern Spy apple rootstock. *The Inter. Plant Propagators Soc.*, 34: 38-48.
- Jiang, H.J.; Pan, J.S. and Men, X. F. (1993):** The study of meristem tip culture of peach (*Prunus persica*). *Acta Agric. Univ. Pekinensis*, 19(1): 49-52.
- Joung, H. and Ko, K.C. (1983):** Studies on the shoot-tip culture of M-7, M-16 and MM-106 apple rootstocks. *J. of Korean Soc. for Hort. Sci.*, 24(2): 135-143. (Hort. Abst., 54: 7852).
- Junior, A.M. and Peters, J.A. (1991):** *In vitro* culture of plum: Effect of indole 3-butyric acid, type of Jamp and intensity of light on rooting. *Revista Brasileira de Fisiologia Vegetal*, 3(1): 57-61. (Hort. Abst., 64: 171).
- Katano, M. (1987):** Propagation of Japanese cherry (*Prunus jumasatura* Sieb ex. Koid2) by shoot-tip culture.

Proceedings of the Fac. of Agric. Kyushu, Kakai University.  
6, 1 - 4 (Hort. Abst., 57(9): 7220).

**Khattak, M. S.; Malik, M. N. and Khan, M. A. (1990):** Effect of surface sterilization agents on *in vitro* culture of guava (*Psidium guajava* L.) cv. Sufeda tissue. Sardar J. of Agric. Sec., Agric. Res. Inst., Tarnab, Peshawar, Pakistan. (Hort. Abst., 62: 647).

**Kuhne, V.; Gennerich, S.; Henning, B. and Hanke, V. (1988):** Possibilities of improving *in vitro* rooting in pome and stone fruits. Gartenban, 35(6): 180-182. ✓

**Lane, W.D. (1979):** *In vitro* propagation of *Spirea bumalda* and *Prunus cistena* from shoot apices. Can. J. Pl. Sci., 59: 1025-1029.

**Laz, S.I. (1986):** Mist propagation of some olive cultivars. M. Sc. Thesis, Fac. Agric., Cairo Univ., Egypt.

**Lee, N. and Wetzstein, H.Y. (1990):** *In vitro* propagation of muscadine grape by axillary shoot proliferation. J. Amer. Soc. Hort. Sci., 115(2): 324-329.

**Lineberger, R.D. (1983):** Shoot proliferation, rooting, and transplant survival of tissue culture "Hally Jolivette" cherry. HortScience, 18(2): 182-185.

**Manta-S., Scorza, R. and Cordth, J.M. (1989):** Plant regeneration from cotyledons of *Prunus persica*, *Prunus domestica* and *Prunus cerasus*. Plant Cell, Tissue and Organ Culture. Plant Breeding, 19(1): 1-11.

**Meyer, A.J. (1978):** Why is "Nemaguard" peach rootstock resistant to root-knot nematodes (*Meloidogyne* spp.) and Kakamas

- Susceptible? Deciduous Fruit Grower, 28:66-72 (Hort. Abst., 48: 8900).
- Meyer, B.S. and Anderson, D.B. (1970):** Plant Physiology. 2<sup>nd</sup> Ed. Van Nostrand Reinhold Comp., New York. pp. 437-439.
- Miller, C.O. and Skoog, F. (1953):** Chemical control of bud formation in tobacco stem segments. Amer. J. Bot., 40:768-773.
- Miller, G.A.; Coston, D.C.; Denny, E.G. and Romeo, M.E. (1982):** *In vitro* propagation of Nemaguard peach rootstock. HortScience, 17: 197.
- Moretti, C.; Scozzoli, A.; Pasini, D. and Paganelli, F. (1992):** *In vitro* propagation of pear cultivars. Acta Hort., No. 300: 115-118.
- Morini, S.; Fortuna, P.; Sciutti, R. and Muleo, R. (1990):** Effect of different light-dark cycles on growth of fruit tree-shoots cultured *in vitro*. Plant Physiology, 4: 163-166.
- Morini, S.; Sciutti, R.; Muleo, R. and Fortuna, P. (1991):** Effect of different light-dark regimes. Acta Horticulturae, No. 289: 137-138.
- Morini, S.; Muleo, R.; Sciutti, R. and Fortuna, P. (1993):** Relationship between evolution of CO<sub>2</sub> and growth of plum shoot-tips cultured *in vitro* under different light-dark regimes. Plant Physiology, 3: 286-290.
- Murashige, T. (1974):** Plant propagation through tissue culture. Ann. Rev. Pl. Physiol., 25: 135-166.

- Ochatt, S.J. and Case, O.H. (1983):** Dormant meristem tip as a source for producing red-leaf peach (*Prunus persica* Batsch) shoot *in vitro*. Qyton, 43(1): 21-28.
- Ognjonov, V. and Vujanic-Varga (1989):** Vegetative propagation of peach *in vitro*. J. of Korean Soc. for Hort. Sci., 23(2): 479-483.
- Oh, S.D.; Song, W.S. and Yoo, S.O. (1991):** *In vitro* propagation of sweet cherry (*Prunus avium* L.) I- Direct and callus induced plantlets regeneration from shoot-tips. J. of Korean Soc. for Hort. Sci., (Hort. Abst., 32(1): 355-367).
- Paoli, G. de and De-Paoli (1986 - 1988):** Micropropagation of peach, convegno peschicolo, cesena. HortScience, 5: 225-230.
- Pierik, R.L.M. (1987):** *In vitro* Culture of Higher Plants. Department of Hort. Agric., Univ. Wageningen. The Netherlands, Martinus, Nijhoff Pub. Dordrecht, Boston, Lancaster, pp. 66-79.
- Pietropaolo, P.A. and Reisch, B.L. (1984):** Micropropagation of "Stanley" plum. HortScience, 19(4): 535-536.
- Pinto, A.C.; Byrne, D.H.; Dethier Rogers and Centro, S.M. (1993):** Influence of ovule perforation, plant growth regulators and L-glutamine on *in vitro* growth of immature peach embryos. *In vitro* Cellular & Development Biology Plant, 29(2): 55-58. (CAB, No. 9416).
- Preip, W. and Englehart, M. (1977):** Meristem culture of azaleas (*Rhododendron simsii*). Acta Hort., 78: 203-208.

- Rama, P. and Pontikis, C.A. (1990):** *In vitro* propagation of olive (*Olea europea* L.) "Kalamon". HortScience, 65(3): 347-353.
- Reeves, D.W.; Couvillon, G.A. and Horton, B.D. (1985):** Effect of gibberellic acid ( $GA_3$ ) on elongation and rooting of St-Juliena rootstock *in vitro*. Plant Physiol. & Biochemistry, 26(3): 252-259.
- Reeves, D.W.; Horton, B.D. and Couvillon, G.A. (1983):** Effect of media and media pH on *in vitro* propagation of "Nemaguard" peach rootstock. Scientia Hort., 21: 353-357.
- Reisch, B.L. (1986):** Influence of genotype and cytokinins on *in vitro* shoot proliferation of grapes. J. Amer. Soc. Hort. Sci., 111(1): 138-141.
- Rodriguez, R.O. and Muzas, S. (1992):** Establishment of a micropropagation laboratory for the multiplication of rootstocks and cultivars of pome and stone fruits. Rivista di Agricoltura Subtropicale Etropicale, 86(2): 297-304. (Hort. Abst., 63: 4877).
- Rosati, P.; Marino, G. and Zewski, C.S. (1980):** *In vitro* propagation of Japanese plum (*Prunus salicina* Lindl. cv. Calita). J. Amer. Soc. Hort. Sci., 105(1): 126-129.
- Rugini, E. and Verna, D. (1983):** Micropropagation of difficult to propagate almond (*Prunus amygdalus*, Batch) cultivars. Plant Science Letters, 28: 273-281.
- Sabastian, K.T. and McComb, J.A. (1986):** A micropropagation system for carob. Scientia Hort., 28:127-131.

- Singha, S. (1980):** *In vitro* propagation of Seckel pear. Proc. Conf. Nursery Prod. of Fruit Plant Through Tissue Culture, 59-63. ✓
- Skirvin, R.M. and Chu, M.C. (1977):** Tissue culture may revolutionize the production of peach shoots. HortScience, 36(1): 15-17.
- Skirvin, R.M.; Chu, M.C. and Rukan-Kerns, H. (1982):** An improved medium for the *in vitro* rooting of Harbrite peach. HortScience, 36(1): 15-17.
- Skoog and Tsui, C. (1948):** Chemical control of growth and bud formation in tobacco stem segments and callus cultured *in vitro*. Amer. J. Bot., 35: 782-787.
- Snedecor, G.W. and Cochran, W.G. (1989):** Statistical Methods. 8<sup>th</sup> Ed. The Iowa State Univ. Press, Ames, USA.
- Snir, L. and Erez, A. (1980):** *In vitro* propagation of Malling Merton apple rootstocks. HortScience, 15(5): 597-598. ✓
- Sondahi, (1977):** Applications of tissue culture in the improvement of coffee. Plant Cell, Tissue and Organ Culture, pp. 109-129.
- Stakanova, R.V. and Abramenko, N.M. (1980):** Rapid propagation of apple rootstock in aseptic condition. Sadavodstvo, Vinogradarstvo I-Vinodelie Moldavic, No. 6:29-31. (Plant Growth Reg. Abst., 11: 1257).
- Starrantino, A. and Caruso, A. (1988):** *In vitro* culture for citrus micropropagation. Acta Hort., No. 227: 444-460.
- Sudarsono, M.R. and Goldy, R.G. (1991):** Growth regulator and axillary bud position effects on *in vitro* establishment of *Vitis rotundifolia*. HortScience, 26(3): 304-307.

- Tabachnik, L. and Kester, D.E. (1977):** Shoot culture for almond and almond peach hybrid clones *in vitro*. HortScience, 12(6): 545-547.
- Turk, A.B.; Smole, J. and Siftar, A. (1992):** Micropropagation of plum ecotype (*Prunus domestica* L.) as rootstock for apricot. Acta Hort., 300: 111-114.
- Verner, E.M. and Boe, A.A. (1980):** *In vitro* propagation of Malling-7 apple rootstock. HortScience, 15: 509-510.
- Vieitez, A.M. and Vieitez, M.L. (1980):** Culture of chestnut shoots from buds *in vitro*. HortScience, 55: 83-84.
- Vysotskii, V.A. and Olesko, E.V.(1988):** Use of micrografts in the clonal micropropagation of stone fruits. Plant Breeding, No. 4:75-77.
- Wanas, W.H. (1987):** Genetic conservation of *Pyrus* spp. using tissue culture techniques. Ph. D. Thesis, Birmingham Univ., England.
- Wang, Q. C.; Tang, H.R. and Quan, Q. and Zhou, G.A. (1994):** Phenol induced browning and establishment of shoot-tip explants of Fuji apple and "Jinhua" pear cultured *in vitro*. HortScience., 69(5): 833-839.
- Welander, M. (1991):** Micropropagation of the apple rootstock M-26, Lanta ruksuniver Sitet. (HortScience, 58: 22).
- Wood, B.W. (1982):** *In vitro* proliferation of pecan shoots. HortScience, 17(6): 890-891.
- Ziv, M. and Halevy, A.H. (1983):** Control of oxidative browning and *in vitro* propagation of *Sterelizia reginae*. HortScience, 18: 434-436.