

เอกสารอ้างอิง

- กรรณิการ์ โพธิ์สามต้น. 2534. การขยายพันธุ์ไฮเดรนเยียในสภาพปลอดเชื้อ. วิทยานิพนธ์มหาบัณฑิต สาขาวิชาพืชสวน คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่, เชียงใหม่. 116 น.
- กาญจนา เหมือนเงิน. 2525. การศึกษาเพื่อหาปริมาณวันที่เหมาะสมสำหรับการเจริญเติบโตของคาร์เนชั่นที่เลี้ยงในสภาพปลอดเชื้อ. วิทยานิพนธ์ปริญญาตรี. มหาวิทยาลัยเชียงใหม่, เชียงใหม่. 57 น.
- กาญจนา เหมือนเงิน. 2531. การขยายพันธุ์กุหลาบมอญในสภาพปลอดเชื้อ. วิทยานิพนธ์มหาบัณฑิต สาขาวิชาพืชสวน คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่, เชียงใหม่. 106 น.
- เจษฎา เหลืองแจ่ม. 2525. ปอกระสา. ข่าวสารเกษตรภาคตะวันออกเฉียงเหนือ 11 (ตค-ธค) : 51-56.
- ไชยยศ เพชรบูรณิน. 2534. ปอสาไทย. กลีกร 64 (1) : 61-64.
- ดนัย บุญเกียรติ. 2533. สรีรวิทยาพืชสวน. สาขาวิชาพืชสวน คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่, เชียงใหม่. 177 น.
- เทียบใจ ตุลยาทร. 2523. กายวิภาคของพุดกษ. ภาควิชาชีววิทยา คณะวิทยาศาสตร์ มหาวิทยาลัยเกษตรศาสตร์, กรุงเทพมหานคร. 424 น.
- เนาวรัตน์ เสริมศรี. 2523. ปอสา. กลีกร 53 (6) : 439-443.
- พิบูลย์ เจียมอนุกุลกิจ. 2532. ปอสาพืชเศรษฐกิจใหม่ของไทย. ข่าวเศรษฐกิจการเกษตร 35 (391) : 53-55.
- วรวรรณ คักดีวงศ์ และนพณดี โทษุณยานนท์. 2532. การศึกษาการเจริญเติบโตและการขยายพันธุ์ปอสาพันธุ์ต่าง ๆ (*Broussonetia papyrifera* Vent.) ด้วยวิธีรวดเร็ว. รายงานผลงานวิจัย สถาบันเทคโนโลยีการเกษตรแม่โจ้, เชียงใหม่. 37 น.
- สัมพันธ์ คัมภีรานนท์. 2527. ซอร์โมนพืช. โรงพิมพ์สามเจริญพานิช. กรุงเทพฯ. 136 น.
- สุรนนต์ สุภัทรพันธุ์. มปป. ซอร์โมน. สำนักส่งเสริมและฝึกอบรม มหาวิทยาลัยเกษตรศาสตร์ กรุงเทพมหานคร 135 น.

- สุรีย์พร เจริญประเสริฐ. 2534. ปัจจัยที่มีอิทธิพลต่อการเกิดและการเจริญเติบโตของยอดจากข้อส้อมโอที่เลี้ยงในสภาพหลอดแก้ว. วิทยานิพนธ์มหาบัณฑิต สาขาวิชาพืชสวน คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่, เชียงใหม่. 156 น.
- สุรีย์พร เจริญประเสริฐ และ พิมพ์ใจ อาภาวัชรุตม์. 2534. ผลของวัสดุปิดหลอดที่มีต่อการเจริญเติบโตของยอดจากข้อส้อมโอที่เลี้ยงในสภาพหลอดแก้ว. 24-26 ตุลาคม ๒๕๓๔. หอประชุมศูนย์วิทยาศาสตร์สุขภาพ มหาวิทยาลัยขอนแก่น, ขอนแก่น. น. 305-351.
- Abeles, F.B. and H.E. Gahagan. 1968. Abscission : The role of ethylene, ethylene analogues, carbon dioxide and oxygen. *Plant Physiol.* 43 : 1255-1253.
- Abeles, F.B., L.E. Craker and G. R. Leather. 1971. Abscission : The phytoherontological effects of ethylene. *Plant Physiol.* 47 : 7-9.
- Apavatjirut, P., A.Kaosa-Ard and T.Paratasilpin. 1987. Current research on teak (*Tectona grandis* Linn.F.) tissue culture in Thailand, p.107-115. In the Proceedings on The Application of Tissue Culture Techniques in Economically Important Tropical Trees. Biotrop Special Publication No.35. Bogor, December 7-9. Indonesia.
- Biddington, N.L. 1992. The influence of ethylene in plant tissue culture. *Plant Growth Regulation* 11 : 173-187.
- Biddington, N.L. and H.T. Robinson. 1991. Ehtylene production during anther culture of Brussels sprouts (*Brassica oleracea* var. *gemmifera*) and its relationship with factors that affect embryo production. *Plant Cell, Tiss. and Org. Cult.* 25 : 169-177.
- Blanke, M.M. and A.R. Belcher. 1989. Stomata of apple leaves cultured in vitro. *Plant Cell Tiss. and Org. Cult.* 10 : 85-89

- Brainerd, K.E. and L.H. Fuchigami. 1981. Acclimatization of aseptically cultured apple plants to low relative humidity. J. Amer. Soc. Hort. Sci. 106 : 515-518.
- Brainerd, K.E., L.H. Fuchigami and C.S. Clark. 1981. Leaf anatomy and water stress of aseptically cultured "Pixy" plum grown under different environments. HortScience 16:173-175.
- Burg, S.P. 1962. The physiology of ethylene formation. Ann. Rev. Plant Physiol. 13 : 265-302.
- Cassells, A.C., M.A. Harney, B.F. Carney, E. McCarthy and A. McHugh. 1988. Problems posed by cultivable bacterial endophytes in the establishment of axenic cultures of Pelargonium domesticum : the use of Xanthomonas pelargonii-specific ELISA, DNA probes and culture indexing in the screening of antibiotic treated and untreated donor plants. Acta. Hort. 225 : 153-162.
- Debergh, P.C. 1983. Effects of agar brand and concentration on the tissue culture medium. Physiol. Plant. 59:270-276.
- Debergh, P.C. 1987. Improving micropropagation. IAPTC Newsletter 51:2-10.
- Debergh, P.C., Y. Harbaoui and R. Lemeur. 1981. Mass propagation of globe artichoke (Cynara scolymus) : Evaluation of different hypotheses to overcome vitrification with special reference to water potential. Physiol. Plant. 53:181-187.
- Dencso, I. 1987. Factors influencing vitrification of carnation and conifers. Acta Hort. 212:167-176.

- de Proft, M., L.J. Maene and P. Debergh. 1985 Carbon dioxide and ethylene evolution in the culture atmosphere of Magnolia soulangeana cultured in vitro. *Physiol. Plant.*
- Dillen, W. and S. Buysens. 1989. A simple technique to overcome vitrification in Gypsophila paniculata. *Plant Cell, Tiss. and Org. Cult.* 19 : 181-188.
- Donnelly, D.J. and W.E. Vidaver. 1984. Pigment content and gas exchange of red raspberry in vitro and ex vitro. *J. Amer. Soc. Hort. Sci.* 109 : 177-181.
- Drew, D.A., B.W. Simpson and W.J. Osborne. 1991. Degradation of exogenous indole-3-butyric acid and riboflavin and their influence on rooting response of papaya in vitro. *Plant Cell, Tiss. and Org. Cult.* 26:29-34.
- Fabbri, A., E. Sutter and S.K. Dunston. 1986. Anatomical changes in persistent leaves of tissue cultured strawberry plants after removal from culture. *Scientia Hort.* 28:331-337.
- Fuchigami, L.H., T.Y. Cheng and A. Soeldner. 1981. Abaxial transpiration and water loss in aseptically cultured plums. *J. Amer. Soc. Hort. Sci.* 106:519-522.
- Gaspar, T., C. Kevers, P. Debergh, L. Maene, M. Paques and P. Boxus. 1987. Vitrification : Morphological, physiological and ecological aspects, p.152-166. In Bonga, J.M. and D.J. Durzan (eds.). *Cell and Tissue Culture in Forestry*. Vol.1. Martinus Nijhoff.
- George, E. F. and P. D. Sherrington. 1984. *Plant Propagation by Tissue Culture*. Antony Powe Ltd. Chippenham, Wilts. 709 p.

- Goldschmidt, E.E. and B. Leshem. 1971. Style abscission in the citron (*Citrus medica* L.) and other citrus species : Morphology, physiology and chemical control with picloram. Amer. J. Bot. 58(1) : 14-23.
- Grout, B.W.W. and H.Aston. 1977a. Transplanting of cauliflower plants regenerated from meristem culture I. Water loss and water transfer related to changes in leaf wax and to xylem regeneration. Hort. Res. 17 : 1-7.
- Grout, B.W.W. and H. Aston. 1977b. Transplanting of cauliflower plants regenerated from meristem culture II. Carbon dioxide fixation and the development of photosynthetic ability. Hort. Res. 17 : 65-71.
- Hakkaart, F.A. and J.M.A. Versluijs. 1983. Some factors affecting glassiness in carnation meristem tip cultures. Neth. J. Plant Path. 89:47-53.
- Han, K. and L.C. Stephens. 1987. Growth regulators affect in vitro propagation of two interspecific Impatiens Hybrids. Scientia Hort. 32 : 307-313.
- Huberman, M. and R.Goren. 1979. Exo- and endo-cellular, cellulase and polygalacturonase in abscission zones of developing orange fruits. Physiol. Plant. : 45 : 189-196.
- Huberman, M., E. Zamski and R. Goren. 1989. Anatomical changes induced by ethylene in the abscission zone of citrus leaf and fruit explants. Hort. Abstr. 59(8) : 801-802.
- Hughes, K.W. 1981. In vitro ecology : Exogenous factors affecting growth and morphogenesis in plant culture system. Env. Exp. Bot. 21:281-288.

- Ivanicka, J. 1987. In vitro micropropagation of mulberry, Morus nigra L. *Scientia Hort.* 32:33-39.
- Kevers, C. and I. Gaspar. 1986. Vitrification of carnation in vitro : changes in water content, extracellular space, air volume, and ion levels. *Physiol. Veg.* 24:647-653.
- Kevers, C., M. Coumans, M.F. Coumans-Gilles and T. Gaspar. 1984. Physiological and biochemical events leading to vitrification of plants cultured in vitro. *Physiol. Plant.* 61:69-74.
- Kozai, T. and Y. Iwanami. 1988. Effect of CO₂ enrichment and sucrose concentration under high photon fluxes on plantlet growth of carnation (Dianthus caryophyllus L.) in tissue culture during the preparation stage. *J. Jpn. Soc. Hort. Sci.* 57 : 279-288.
- Kozai, T., Y. Koyama and I. Watanabe. 1988. Multiplication of potato plantlets in vitro with sugar free medium under high photosynthetic photon flux. *Acta Hort.* 230 : 121-127.
- Kozai, T., H. Oki and K. Fujiwara. 1987. Effects of CO₂ enrichment and sucrose concentration under high photosynthetic photon fluxes on growth of tissue-cultured cymbidium plantlets during the preparation stage, p. 47-54. In Ducate, G., M. Jacob and A. Simeon (eds.). *Plant Micro-propagation in Horticultural Industries* Presses University, Liege, Belgium.
- Kozai, T., H. Oki and K. Fujiwara. 1990. Photosynthetic characteristics of cymbidium plantlet in vitro. *Plant Cell, Tiss. and Org. Cult.* 22 : 205-211.

- Kumar, P.P., D.M. Reid and T.A. Thorpe. 1987. The role of ethylene and carbon dioxide in differentiation of shoot buds in excised cotyledons of Pinus radiata in vitro. *Physiol. Plant.* 69 : 224-252.
- Leshem, B. 1983. Growth of carnation meristem in vitro ; Anatomical structure of abnormal plantlets and the effect of agar concentration in the medium on their formation. *Ann. Bot.* 52 : 413-415.
- Leshem, B. 1987a. Growth of carnation meristem in vitro : Anatomical structure of abnormal plantlets and the effect of agar concentration in the medium on their formation. *Ann. Bot.* 52:413-415.
- Leshem, B. 1987b. The carnation succulent plantlet- A stable teratological growth. *Ann. Bot.* 52:873-876.
- Leshem, B., E. Werker and P.D. Shalev. 1988. The effect of cytokinins on vitrification in melon and carnation. *Ann. Bot.* 62 : 271-276.
- Maene, L. and P.C. Debergh. 1985. Liquid medium additions to established tissue cultures to improve elongation and rooting in vitro, *Plant Cell, Tiss. and Org. Cult.* 5 : 23-34.
- Maene, L. and P.C. Debergh. 1987. Optimalisation of the transfer of tissue cultured shoots to in vitro condition. *Acta Hort.* 212:335-348.
- Matthews, R.E.F. 1981. *Plant Virology*. Academic Press, New York. 897 p.

- Miller, G.A., D.C. Coston, E.G. Denny and M.E. Romeo. 1982.
In vitro propagation of Nemaguard peach rootstock.
HortScience 17:194.
- Murashige, T. and F. Skoog, 1962. A revised medium for rapid growth and bioassays with tobacco tissue cultures.
Physiol. Plant. 15:473-497.
- Nitsch, C. and J.P. Nitsch. 1969. Floral induction in a short-day plant, Plumbago indica L., by 2-chloroethanephosphonic acid. Plant Physiol. 44 : 1747-1748.
- Paques, M. and P. Boxus. 1987a. A model to learn "Vitrification" the rootstock apple M.26 present results. Acta Hort. 212:193-210.
- Paques, M. and P. Boxus. 1987b. Vitrification : A phenomenon related to tissue water content. Acta Hort. 212:245-252.
- Pasqualetto, P.L., R.H. Zimmerman and I. Fordham. 1986. The influence of gelling agent and growth regulator concentrations on vitrification of apple cultivars in vitro. J. Amer. Soc. Hort. Sci. 111 : 976-980.
- Pasqualetto, P.L. R.H. Zimmerman and I. Fordham. 1988. The influence of cation and gelling agent concentration on vitrification of apple cultivars in vitro. Plant Cell, Tiss. and Org. Cult. 14 : 31-40.
- Phan, C.T. 1991. Vitreous state in vitro culture : Ethylene versus cytokinin. Plant Cell Rep. 9 : 517-519.
- Phan, C.T. and P. Hegedus. 1986. Possible metabolism basic for the developmental anomaly observed in in vitro culture, called vitreous plants. Plant Cell, Tiss. and Org. Cult. 6 : 83-94.

- Reuther, D. 1988. Comparative anatomical and physiological studies with ornamental plants under in vitro and greenhouse conditions. *Acta Hort.* 226:91-98.
- Riov, J., O. Sagee and R. Goren. 1987. Ethylene-induced changes in indole-3-acetic acid metabolism in citrus leaf tissue during abscission and senescence. *Hort. Abstr.* 57(2) : 159.
- Robinson, K.E.P., D.O. Adams and R.Y. Lee. 1987. Differential physiological and morphological response of inbred lines to the ethylene precursor 1-aminocyclopropane-1-carboxylic acid by cultured Helianthus annuus (sunflower) shoot tips. *Plant Cell, Rep.* 6 : 405-409.
- Rugini, E., P. Tarini and M.E. Rossodivita. 1987. Control of shoot "vitrification" of almond and olive grown in vitro. *Acta Hort.* 212:177-183.
- Sagee, O., J. Riov and R. Goren. 1990. Ethylene-enhanced catabolism of [¹⁴ C] indole-3-acetic acid to indole-3-carboxylic acid in leaf tissue. *Hort. Abstr.* 60(9) : 885.
- Schenk, R.U. and A.C. Hildebrandt. 1972. Medium and techniques for induction and growth of monocotyledonous and dicotyledonous plant cell cultures. *Can. J. Bot.* 50:199.
- Short, K.C., J. Warburton and A.V. Roberts. 1987. In vitro hardening of cultured cauliflower and chrysanthemum plantlets to humidity. *Acta Hort.* 212:329-334.
- Solarovo, J. 1989. Photosynthesis of plant regenerants. Diurnal variation in CO₂ concentration in cultivation vessels resulting from plantlets photosynthetic ability. *Photosynthetica* 23 : 100-107.

- Sutter, E.G. 1985. Morphological, physical and chemical characteristics of epicuticular wax on ornamental plants regenerated in vitro. *Ann. Bot.* 55:321-329.
- Sutter, E. C. and R. W. Langhans. 1982. Formation of epicuticular wax and its effect on water loss in cabbage plants regenerated from shoot-tip culture. *Can. J. Bot.* 60 : 2896-2902.
- Vieitez, A.M., A. Ballester and E. Vieitez. 1987. Vitrification in chestnut shoots regenerated in vitro. *Acta Hort.* 212:231-234.
- Vieitez, A.M., A. Ballester, M.C., San-Jose and E. Vieitez. 1985. Anatomical and chemical studies of vitrified shoots of chestnut regenerated in vitro. *Physiol. Plant.* 65:177-184.
- von Arnold, S. and T. Eriksson. 1984. Effect of agar concentration on growth and anatomy of adventitious shoots of Picea abies (L.) Karst., *Plant Cell, Tiss. and Org. Cult.* 3:257-264.
- Wardle K., P.A. Dixon and I. Simpkin. 1981. Sodium accumulation by leaves of cauliflower plantlets and the effect on the mode of plant formation. *Anr. Bot.* 47:653-659.
- Wardle, K., E. B. Dobbs and K. C. Short. 1983. In vitro acclimatization of aseptically cultured plantlets to humidity. *J. Amer. Soc. Hort. Sci.* 108 : 386-389.
- Werker, E. and B. Leshem. 1987. Structural changes during vitrification of carnation plantlets. *Ann. Bot.* 59 : 377-385.

- Wetzstein, H.Y. and H.E. Sommer. 1983. Scanning electron microscopy of in vitro-cultured Liquidambar styraciflua plantlets during acclimatization. J. Amer. Soc. Hort. Sci. 108:475-480.
- Yadav, U., M. Lal and V.S. Jaiswal. 1990. Micropropagation of Morus nigra L. from shoot tip and nodal explants of mature trees. Scientia Hort. 44:61-67.
- Ziv, M. 1986. In vitro hardening and acclimatization of tissue culture plants, p. 187-196. In Withers, L.A. and P.G. Alderson (eds.). Plant Tissue Culture and Its Agricultural Application. Butterworths, London.
- Ziv, M. and G. Gadasi, 1986. Enhanced embryogenesis and plant regeneration from cucumber (Cucumis sativas L.) callus by activated charcoal in solid/liquid double-layer culture. Plant Sci. 47:115-122.
- Ziv, M., G. Meir and A.H. Halevy. 1983. Factors influencing the production of hardened glaucous carnation plantlets in vitro. Plant Cell, Tiss. and Org. Cult. 2:55-60.
- Ziv, M., A. Schwartz and D. Fleminger. 1987. Malfunctioning stomata in vitreous leaves of carnation (Dianthus caryophyllus) plants propagated in vitro : Implications for hardening. Plant Sci. 52:127-134.