



DAFTAR PUSTAKA

- Abdelwahd, R. N., M. Hakam, S. M. Labhilili and Udupa. 2008. Use of an adsorbent and antioxidants to reduce the effects of leached phenolics in *in vitro* plantlet regeneration of faba bean. *African J. of Biotechnol.* 7(8): 997-1002.
- Abel, S., M. D. Nguyen and A. Theologis. 1995. The PS-IAA4/5-like family of early auxin-inducible mRNAs in *Arabidopsis thaliana*. *J. Mol. Biol.* 251: 533-549.
- Admojo, L., A. Indrianto, R. D. Komalasari, H. Hadi dan N. E. Prasetyo. 2012. Induksi kalus embriogenik eksplan jaringan vegetatif tanaman karet klonal (*Hevea brasiliensis* Muell. Arg). *Prosiding Konferensi Nasional Karet, Yogyakarta* : 120-126
- Aliyu and O. Mashood. 2005. Application of tissue culture to cashew (*Anacardium occidentale* L.) breeding: an appraisal. *African J. Biotechnol.* 4(13): 1485-1489.
- Anderson, U. and G. Levins. 2002. Changes of morphogenic competence in mature *Pinus sylvestris* L. buds *in vitro*. *Ann. of Botany* 90: 293-298
- Apelbaum A., A. C. Burgoon, J. D. Anderson, M. Lieberman, R. Ben-A-Rie and A. K. Mattoo. 1981. Polyamines inhibit biosynthesis of ethylene in higher plant tissue and fruit protoplasts. *Plant Physiol.* 68: 453-456
- Arnaldos, T. L., R. Munoz, M. A. Ferrer and A. A. Calderon. 2001. Changes in phenol content during strawberry (*Fragaria x ananasa*, cv. Chandler) callus culture. *Phy. Plantarum.* 113(3): 315-322.
- Arpita, S., D. Subroto, B. Pinaki and B. Bidyut. 2001. Apple and mushroom by using different antibrowning agents under different conditions. *Int. J. Chem. Sci.*: 8 (5): 550-558
- Arteca, R. N. and J. M. Arteca. 2008. Effects of brassinosteroid, auxin, and cytokinin on ethylene production in *Arabidopsis thaliana* plants. *J. Exp. Bot.* 59: 3019-3026
- Auboiron, E., M. P. Carron and N. Michaux-Ferriere. 1990. Influence of atmospheric gases, particularly ethylene, on somatic embryogenesis of *Hevea brasiliensis*. *Plant Cell, Tissue and Organ Cult.* 21: 31-37.
- Bais, H. P., G. S. Sudha and G. A. Ravishankar. 2000. Putrescine and AgNO₃ influences shoot multiplication *in vitro* flowering and endogenous titres of



- polyamines in *Chichorium intybus* L. cv Lucknow Local. *J. Plant Growth Regulation*. 19(2): 238-248.
- Bais, H. P., G. S. Sudha and G. A. Ravishankar. 2001. Influence of putrescine AgNO₃ and polyamine inhibitors on the morphogenetic response in untransformed and transformed tissues of *Chichorium intybus* and their regenerants. *Plant Cell Reports*. 20(6): 547-555.
- Banerjee, P., S. Maity and N. Banerjee. 2012. High frequency somatic embryogenesis and plantlet regeneration of *Bauhinia variegata*, a multipurpose tree legume. *Ind. J. of Fundamental and Applied Life Sci.* 2 (2): 87-95
- Beyer, E.M. 1976. A potent inhibitor of ethylene action in plants. *Plant Physiology*. 58 (3): 268-271.
- Berthon, J. Y., N. Boyer and T. Gaspar. 1991. Uptake, distribution and metabolism of 2,4-dichlorophenoxyacetic acid in shoots of juvenile and mature clones of *Sequoiadendron giganteum* in relation to rooting *in vitro*. *Plant Physiol. Biochem.* 29: 355-362.
- Blackmon, W. J., B. D. Reynolds and C. E. Postek. 1981. Production of somatic embryos from callused cantaloupe hypocotyls explants. *Hort. Science*. 16: 451
- Blanc, G., N. Michaux-Ferrière, C. Teisson, L. Lardet and M. P. Carron. 1999. Effects of carbohydrate addition on the induction of somatic embryogenesis in *Hevea brasiliensis*. *Plant Cell, Tissue and Organ Cult.* 59: 103–112
- Blazkova, A., B. Sotta, H. Tranvan, R. Maldiney, M. Bonnet, J. Einhorn, L. Kerhoas, E. Miginiac. 1997. Auxin metabolism and rooting in young and mature clones of *Sequoia sempervirens*. *Phy. plantarum*. 99: 73-80.
- Bleecker, A. B. and H. Kende. 2000. Ethylene: A gaseous signal molecule in plants. *Ann. Rev. of Cell and Developmental Biol.* 16: 1-18.
- Bradley, P. M., F. El-Fiki and K. L. Giles. 1984. Polyamines and arginine affect somatic embryogenesis of *Daucus carota*. *Plant Sci. Lett.* 34: 397-401
- Bradley, P. M., F. El-Fiki and K. L. Giles. 1985. The effects of putrescine on somatic embryogenesis of *Daucus carota* as examined by two-dimensional electrophoresis. pp. 307-308 in Henke *et al.*, (eds.).
- Bregitzer, P, D. A. Somers and H. W. Rines. 1989. Development and characterization of friable, embryogenic oat callus. *Crop Sci.* 29: 798–803



- Bronsema, F. B. F., P. Redig, W. J. F. Van Oostven, H. A. Van Onckelen and A. A. M. Van Lammeren. 1996. Uptake and biochemical analysis of 2,4-D in cultured zygotic embryo of *Zea mays* L. *J. Plant. Physiol.* 149: 363-371.
- Carrier, D. J., G. Cosentino, R. Neufeld, D. Rho, M. Weber and J. Archambault. 1990. Nutritional and hormonal requirements of *Ginkgo biloba* embryo-derived callus and suspension cell culture. *Plant Cell Rep.* 8: 635–638
- Carron, M. P., and F. Enjalric. 1982. Studies on vegetative micropropagation of *Hevea brasiliensis* by somatic embryogenesis and in vitro cutting. pp. 751–752. In: A. Fujiwara (ed.). *Proc. 5th Int. Congr. Plant Tissue Cell Cult.* Maruzan, Tokyo.
- Chen, J. T. and W. C. Chang. 2003. 1-aminocyclopropane-1-carboxylic acid enhanced direct somatic embryogenesis from *Oncidium* leaf cultures. *Biol. Plant.* 46: 455-458.
- Compton, M. E. and J. E. Preece. 1986. Exudation and Explants Establishment. *N.S International Association of Plant Tissue Cult.* 50: 9-18
- Cornish, K., D. J. Siler, O. Grosjean, and N. Goodman. 1993. Fundamental similarities in rubber particle architecture and function in three evolutionarily divergent plant species. *J. Nat. Rubb. Res.* 8: 275–285.
- Creasy, L. L. 1968. The increase in phenylalanine ammonialyase activity in strawberry leaf disks and its correlation with flavonoid synthesis. *Phytochem.* 7: 441-446.
- Cuco, S., and G. Bandel. 1998. Hermaphroditism in the rubber tree *Hevea brasiliensis* (Willd. Ex. ADR. de Juss.) Muell. Arg. *Gen. Molec. Biol.* 21: 523–526.
- Das, P., S. G. R. Samantaray and Rout. 1996. *In vitro* propagation of acacia catechu, a xerophilous tree. *Plant Tissue Cult.* 6(2): 117-126.
- Davies, P. J. 2004. Regulatory factors in hormone action: Level, location and signal transduction. pp. 16-35 in: Davies P.J. (ed.) *Plant Hormones.* Kluwer Academic Publishers, Dordrecht.
- Dornelas, M. C., and M. Rodriguez Adriana Pinheiro. 2005. The rubber tree (*Hevea brasiliensis* Muell. Arg.) homologue of the leafy/floricaula gene is preferentially expressed in both male and female floral meristems. *J. Expt. Bot.* 56:1965–1974.



- El Hadrami, I., N. Michaux-Ferriere, M. P. Carron and J. D'Auzac. 1989. Polyamines, a possible limiting factor in somatic embryogenesis of *Hevea brasiliensis*. *Comptes Rendus de Academie des Sciences*. 308: 205-211
- Faghihi, K., S. P. Pyrayvatlo, and A. Imani. 2013. Effects of Indole Butyric Acid (IBA), Indole Acetic Acid (IAA) and Naphthalene Acetic Acid (NAA) on woody cuttings rooting of apple M9, MM106 and MM111 rootstocks. *J. Basic. Appl. Sci. Res.*, 3(1): 570-576
- Fei, S. P. E. Read and T. P. Riordan. 2000. Improvement of embryogenic callus induction and shoot regeneration of buffalo grass by AgNO₃. *Plant Cell Tissue Organ Cult.* 60 (3): 197-2003
- Feirer, R., G. Mignon. and J. Litvay. 1984. Arginine decarboxylase and polyamines required for embryogenesis in the wild carrot. *Science*. 223: 1433-1435.
- Feirer, R. P., S. R. Wann and D. W. Einsphar. 1985. The effects of spermidine synthesis inhibitors on *in vitro* plant development. *Plant Growth Regul.* 3: 319-327.
- Fernandez, S., Michaux-Ferrière, N. and Coumans, M. 1999. The embryogenic response of immature embryo cultures of durum wheat (*Triticum durum*): histology and improvement by AgNO₃. *Plant Growth Reg.* 28 (3): 147-155.
- Fridborg, G., M. Pedersen, M. Landstrom and T. Eriksson. 1978. The effect of activated charcoal on tissue cultures: absorption of metabolites inhibiting morphogenesis. *Physiol. Plant.* 43: 104-106.
- Fridborg, G. and T. Eriksson. 1975. Effects of activated charcoal on growth and morphogenesis in cell cultures. *Physiol. Plant.* 34: 306-308.
- George, E. F. and P. D. Sherrington. 1984. *Plant Propagation by Tissue Culture. Hand Book dan Directory of Commercial Laboratories*. Eastern Press, Reading, Berks, England, 449 p.
- George, E. F., M. A. Hall and G. De Klerk. 2008. *Plant Propagation by Tissue Culture 3rd Edition Volume 1: The Background*. Springer : Dordrecht, The Netherlands. 501 p.
- Giridhar, P., Indu, E. P., Vinod, K., Chandrashekar, A. and Ravishankar, G. A. 2004. Direct somatic embryogenesis from *Coffea arabica* L and *Coffea canephora* P ex Fr. under the influence of ethyleneaction inhibitor- silver nitrate. *Acta Phy. Plant.* 26 (3): 299-305.



- Hamzah, S., J. L. Chan, and H. Y. Yeang. 1999. *Hevea brasiliensis* seedlings from hand-pollination using cryo-stored pollen validated by isozymes. *J. Rubb. Res.* 2: 62–68.
- Hamzah, S., J. L. Chan, and H. Y. Yeang. 2002. Pollen tube growth and fruit set success in *Hevea brasiliensis* hand-pollination influenced by the choice of clone and female flower. *Euphytica.* 123:1–8.
- Howell, S. H. 1998. *Molecular Genetics of Plant Development.* Cambridge University Press: United Kingdom. 365 p.
- Husin, S. M. 1990. *Hevea* seed: Its characteristics, collection and germination. *RRIM Planters' Bul.* 202: 3–8.
- IRRDB. 2008. *Rubber.* International Rubber Research and Development Board: India, China, Malaysia, Indonesia, Srilanka. 504 p.
- Jiménez, V. M. 2001. Regulation of *in vitro* somatic embryogenesis with emphasis on the role of endogenous hormones. *R. Bras. Fisiol. Veg.* 13 (2): 196-223
- John, P. C. L., K. Zhang, C. Dong, L. Diederich and F. Wightman. 1993. P34(CDC2) related proteins in control of cell-cycle progression: The switch between division and differentiation in tissue development and stimulation and division by auxin and cytokinin. *Austr. J. Plant Physiol.* 20: 503-526
- Juma, C., J. M. Magambo and H. Monteith. 1994. Tissue culture for coffee: the case of Uganda. *Biotech. Dev. Mon.* 20: 19-20
- Kleinsmidt, J. and A. Meier-Dinker. 1990. *Biotechnology in Forest tree improvement : trees of the future.* pp 318-323. In R. Rodriguez, R. Sanchez and D. J. Durzan (eds.). *Plant Aging, Basic and Applied Approach.* Vol. 186. Plenum Press, New York.
- Klems, M., M. Truksa, I. Machackova, J. Eder and S. Prochazka. 1998. Uptake, transport and metabolism of C14-2,4-dichlorophenoxyacetic acid (C14-2,4-D) in cucumber (*Cucumis sativus* L.) explants. *Plant Growth Regul.* 26: 195-202.
- Koens, K. B., F. T. Nicoloso, T. B. Van Vliet, M. Harteveld, C. J. M. Boot, F. Van Iren, P. Mulder, K. R. Libbenga and J. W. Kijne. 1995. Kinetics of 2,4-dichlorophenoxyacetic acid content in an auxin-dependent suspension culture of *Nicotiana tabacum* cells. *J. Plant Physiol.* 147: 383-390



- Kong, L and E. C. Yeung. 1994. Effects of ethylene and ethylene inhibitors on white spruce somatic embryo maturation. *Plant Sci.* 104(1): 71-80.
- Kumar, S. V. and M. V. Rajam. 2004. Polyamine ethylene nexus: A potential target for post harvest biotechnology. *Ind. J. of Biotechnology.* 3(2): 299-304.
- Kumar, V., Giridhar, P. and Ravishankar. 2009. AgNO₃ : A potential regulator of ethylene activity and plant growth modulator. *J. of Biotechnology.* 12 (2) : 1-15
- Kumari Jayasree, P., S. Venkatachalam, R. Sushmakumari, K. Jayashree, S. Rekha, P. Sobha, P. Priya, R. G. Kala, and A. Thulaseedharan. 2007. Current perspectives on application of biotechnology to assist the genetic improvement of rubber tree (*Hevea brasiliensis* Muell. Arg.): An overview. *Functional Plant Sci. and Biotech.* :1-17
- Kumari Jayashree, P. and A. Thulaseedharan. 2001. Gibberellic acid-regulated embryo induction and germination in *Hevea brasiliensis* (Muell. Arg.). *Indian J. Nat. Rub. Res.* 14:106–111.
- Kumari Jayashree, P., M. P. Asokan, S. Shobha, L. Sankari Ammal, K. Rekha, R. G. Kala, R. Jayashree, and A. Thulaseedharan. 1999. Somatic embryogenesis and plant regeneration from immature anthers of *Hevea brasiliensis* (Muell. Arg.). *Curr. Sci.* 76 (9): 1242–1245.
- Lau, Oi-Lim and S. F. Yang, 1976. Inhibition of ethylene production by cobaltous ion. *Plant Physiol.* 58 (1): 114-117.
- Laukkanen, H. Häggman, S. Kontunen-Soppela and A. Hohtola. 1999. Tissue browning of *in vitro* cultures of scots pine: role of peroxidase and polyphenol oxidase. *Phy. Plantarum.* 106: 337-343
- Lazzeri, P. A., D. F. Hildebrand and G. B. Collins. 1987. Soybean somatic embryogenesis: effects of hormones and culture manipulations. *Plant Cell Tiss. Org. Cult.* 10: 197–208
- Lee, T. M. and C. Chu. 1992. Ethylene-induced polyamine accumulation in rice (*Oryza sativa* L.) coleoptiles. *Plant Physiol.* 100: 238-245.
- Lewinsohn, T. M. 1991. The geographical distribution of plant latex. *Chemoecology* 2: 64–68.
- Lo Schiavo, F., Pitto L., Giuliano G., Torti G., Nutironchi V., Marazziti D., Vergara R., Orselli S. and Terzi M. 1989. DNA methylation of embryogenic carrot cell cultures and its variations as caused by mutation,



differentiation, hormones and hypomethylating drugs. *Theor. Appl. Genet.* 77:325-331.

Lovaas, E. 1996. Antioxidant and metal-chelating effects of polyamines. In: Sies H. (ed) *Advances in Pharmacology*. Antioxidants in Disease Mechanisms and Therapy: Vol. 38. Academic Press: New York. pp 119–149

Marek, D and M. Parzymies. 2007. The effect of auxins: IAA, IBA and NAA on rooting of *Hebe buchananii* (HOOK) and *Hebe canterburiensis* (J. B. ARMSTR.) ‘prostrata’ *in vitro*. *Acta Sci. Pol. Hortorum Cultus* 6(1): 9-14

Mariska, M. dan R. Purnamaningsih. 2001. Perbanyak vegetatif tanaman tahunan melalui kultur *in vitro*. *J. Penelitian dan Pengembangan Pert.* 20 (1) : 1-8

Martin-Tanguy, J., C. Martin, M. Paynot and N. Rossin. 1988. Effect of hormone treatment on growth bud formation and free amine and hydroxycinnamoyl putrescine levels in leaf explant of *Nicotiana tabacum* cultivated *in vitro*. *Plant Physiol.* 88: 600-604.

Mensuali-Sodi, A., M. Panizza, G. Serra, and F. Tognoni. 1993. Involvement of activated charcoal in the modulation of abiotic and biotic ethylene levels in tissue-cultures. *Sci. Hort.* 54: 49-57.

Messeguer, J. and E. Mel. 1987. *In vitro* propagation of adult material and seedlings of *Corylus avellana*. *Acta Hort.* 212: 499-503.

Michaux F. N. and M. P Carron. 1989. Histology of early somatic embryogenesis in *Hevea brasiliensis*: the importance of the timing of subculturing. *Plant Cell Tissue and Organ Cult.* 19: 243–256.

Miyazaki, J. H. and S. F. Yang. 1987. The methionine salvage pathway in relation to ethylene and polyamine biosynthesis. *Physiol. Plant.* 69(2): 366-370.

Moon, H. K, S. Y. Park, Y. W. Kim and S. H. Kim. 2008. Somatic embryogenesis and planlet production using rejuvenated tissues from serial grafting of mature *Kalopanax septemlobus* tree. *In vitro Cell. Dev. Biol. Plant* : 1-9

Montoro, P., H. Etienne, N. Michaux-Ferriere and M.P. Carron. 1993. Callus friability and somatic embryogenesis in *Hevea brasiliensis*. *Plant Cell, Tissue and Organ Cult.* 33: 331-338.

Ndakidemi, C. F., E. Mneney, P. A. Ndakidemi. 2014. Effects of ascorbic acid in controlling lethal browning in *in vitro* culture of *Brahylaena huillensis* using nodal segments. *American J. of Plant Sci.* 5: 187-19



- Negrutiu, I., M. Jacobs and T. Gaspar. 1979. Leaf formation and peroxidases from *Arabidopsis* callus. *Z. Pflanzenphysiol.* 91: 119–126
- Ng, A. P. 1981. Influence of six rootstocks on growth and yield of six scion clones of *Hevea brasiliensis*. *RRIM Planter's Conf.*
- Nikolaeva, T. N., N. V. Zagorskina and M. N. Zaprometov, 2009. Production of phenolic compounds in callus cultures of tea plant under the effect of 2,4-D and NAA. *Russ. J. of Plant Physiol.* 56: 45-49.
- Nissen, P. 1994. Stimulation of somatic embryogenesis in carrot by ethylene: Effects of modulators of ethylene biosynthesis and action. *Physiol. Plant.* 92(3): 397-403.
- Noriega, C. and M. R. Söndahl. 1991. Somatic embryogenesis in hybrid Tea Roses. *Biotechnology* 9: 991–993
- Ong, S. H., M. A. G. Noor, A. M. Tan, and H. Tan. 1983. New *hevea* germplasm: Its introduction and potential. *Proc. Rubb. Res. Inst. Malaysia Planters Conf. Kuala Lumpur, Malaysia.* p. 1–14
- Ozyigit, I. I., M. V. Kahraman and O. Ercan. 2007. Relation between explant age, total phenols and regeneration response in tissue cultured cotton (*Gossypium hirsutum* L.). *African J. Biotech.* 6 (1): 003-008
- Palavan N., R. Goren and A. W. Galston. 1984. Effects of some growth regulators on polyamine biosynthetic enzymes in etiolated pea seedlings. *Plant Cell Physiol.* 25: 541-546.
- Pierik, R. M. 1990. *Rejuvenation and micropropagation.* pp. 91-101. In H. J. J. Nijkamp, L. H. W. Van der Plas and J. van Artjik (eds.). *Progress in Plant Cellular and Molecular Biology.* Kluwer Academic Publisher, Dordrecht.
- Pieper, W. and K. Zimmer. 1976. Clonal propagation of phalaenopsis *in vitro*. *Acta. Hort.* 64: 21-23.
- Piyatrakul, P. R. A. Putranto, F. Martin, M. Rio, F. Dessailly, J. Leclercq, J. F. Dufayard, L. Lardet and P. Montoro. 2012. Some ethylene biosynthesis and AP2/ERF genes reveal a specific pattern of expression during somatic embryogenesis in *Hevea brasiliensis*. *Bio. Med. Central Plant Biology.* 12: 244
- Pusat Penelitian Karet, Balai Penelitian Sembawa. 2011. Pengelolaan biji karet untuk bibit. Balai Penelitian Sembawa, Palembang.



- Ravanel, S.; Gakiere, B., Job, D. and Douce, R. 1998. The specific features of methionine biosynthesis and metabolism in plants. *Proc. of the National Academy of Sciences of the United States of America*. 95: 7805-7812.
- Roberts, D. R., B. S. Flinn, D. T. Webb, F. B. Webster and B. C. S. Sutton. 1989. Characterization of immature embryos of interior spruce by SDS-PAGE and microscopy in relation to their competence for somatic embryogenesis. *Plant Cell Rep.* 8: 285-288
- Ruaud, J. N and M. Paques. 1995. *Somatic embryogenesis and rejuvenation of trees*. pp.99-118. In S. Mohan Jain, Pramod K. Gupta and Ronald J. Newton (eds). *Somatic Embryogenesis in Woody Plants* Vol. 1. Kluwer Academic Publishers, London.
- Saby, J. K., S. G. Bhat and U. J. S. Prasada Rao. 2003. Biochemical characterization of sap (latex) of a few Indian mango varieties. *Phytochemistry*. 62:13-19
- Saikia, M., K. Shrivastava and S. S. Singh. 2012. An efficient protocol for callus induction in *Aquilaria malaccensis* Lam. using leaf explants at varied concentrations of sucrose. *Int. J. Plant Res.* 2: 188-194.
- Simmonds, N. W. 1982. Some ideas on botanical research on rubber. *J. Trop. Agr.* 59: 2-8.
- Songstad, D. D., Armstrong, C. L. and Petersen, W. L. 1991. Silver nitrate increase type II callus production from immature embryos of maize inbred B73 and its derivatives. *Plant Cell Rep.* 9 (12): 699-702.
- Stasolla, C. and E. C. Yeung. 2003. Recent advances in conifer somatic embryogenesis: improving somatic embryo quality : Review of Plant Biotechnology and Applied Genetics. *Plant Cell, Tissue and Organ Cult.* 74: 15-35
- Stasolla, C, N. Loukanina, H. Ashihara, E. C. Yeung and T. A. Thorpe. 2002. Pyrimidine nucleotide and nucleic acid synthesis in embryos and megagametophytes of white spruce (*Picea glauca*) during germination. *Physiol. Plant.* 115: 155-165
- Stonier, T. and H. M. Yang. 1973. Studies on auxin protectors. *Plant Physiol.* 51: 391-395
- Sushamakumari, S., S. Shoba, K. Rekha, K. Jayashree, and M. P. Asokan. 2000. Influence of growth regulators and sucrose on somatic embryogenesis and plant regeneration from immature inflorescence of *Hevea brasiliensis*. *Ind. J. Nat. Rubb. Res.* 13:19-29.



- Tan, X., L. I. Calderon-Villalobos, M. Sharon, C. Zheng, C. V. Robinson, M. Estelle, N. Zheng. 2007. Mechanism of auxin perception by the TIR1 ubiquitin ligase. *Nature*. 446: 640-645
- Tang, W., R. J. Newton and V. Outhavong. 2004. Exogenously added polyamines recover browning tissues into normal callus and improve plant regeneration in pine. *Physiol. Plant*. 122: 386-395.
- Tang, W. and R. J. Newton. 2004. Increase of polyphenol oxidase and decrease of polyamines correlate with tissue browning in Virginia pine (*Pinus virginia* Mill.). *Plant. Sci*. 167 (3): 621-628
- Tamin, M. Senawi B. Mohamed. 1987. Micropropagation : The Problems With Woody Species. *Proceed. of Seminar Cell and Tissue Culture in Field Crop Improvement. Tsukuba, Japan* on October 4-9th.
- Terzi, M. and F. Lo Schiavo. 1990. Developmental mutants in carrot. pp. 391-397 in. H. I. J. Nijkamp Van Der Plas I. H. W. and J. Van Aartrijk (eds.). *Proc. Progress in Plant Cellular and Molecular Biology. VIIth Int. Cong. on Plant Tissue and Cell Culture*. Amsterdam, The Netherlands. Kluwer Academic Publishers, Dordrecht, Netherlands.
- Titov, S., S. K. Bhowmik, A. Mandal, M. D. S. Alam and S. N. Uddin. 2006. Control of phenolic compound secretion and effect of growth regulators for organ formation from *Musa* spp. cv. Kanthali Floral Bud Explants. *American J. of Biochemistry and Biotech*. 2(3): 97-104.
- Warmke, H. E. 1952. Studies on natural pollination of *Hevea brasiliensis* in Brazil. *Science* 116: 474-475.
- Weatherhead, M. A., J. Burdon and G. G. Henshaw. 1979. Effects of activated charcoal as an additive plant tissue culture media. *Z. Pflanzenphysiol*. 94: 399-406.
- Webster, C. C. and E. C. Paardekooper. 1989. *Botany of the rubber tree*. pp. 57-84. In C. C. Webster and W. J. Baukwill (eds.). *Rubber. Longman Scientific and Technical*. Essex, England.
- Woelan, S. I. Suhendry dan Aidi-Daslin. 2006. Pengenalan klon karet penghasil lateks dan penghasil lateks-kayu. Balai Penelitian Sungei Putih.
- Wycherley, P. R. 1992. *The genus hevea: botanical aspects*. pp. 50-66. In: M. R. Sethuraj and N. M. Mathew (eds.). *Natural rubber: biology, cultivation and technology*. Elsevier, Amsterdam.



Wu, H. C. and E. S. Du Toit. 2004. Reducing oxidative browning during *in vitro* establishment of *Protea cynaroides*. *Sci. Hort.* 100 (1-4): 355-358.