

DAFTAR PUSTAKA

- Acquah G. 2007. *Principles of Plant Genetics dan Breeding*. Blackwell Scientific. 569
- Badan Pusat Statistik. 2018. *Statistik Indonesia 2016 Jakarta (ID)* : Badan Pusat Statistik.
- Badoni A and Chauhan JS. 2010. Importance of potato micro tuber-seed material for farmers of Uttarakhand Hills. *Int. J. Sustain. Agric.* vol 2(1): 01-09.
- Burlingame, B., Mouille, B., Charrondiere., R. 2009. *Nutrients, Bioactive Nonnutrients and Anti-Nutrients in Potatoes*. *J. Food Composition and Analysis*, 22(6) : 494-502.
- Dewi, C.S 2013. *Induksi Umbi Mikro Kentang (Solanum tuberosum L) secara in vitro pada suhu medium dengan beberapa konsentrasi gula*. Skripsi. Departemen Agronomi dan Hortikultura. Institut Pertanian Bogor.
- Fernie AR, Willmitzer L. 2001. Molecular dan biochemical triggers of potato tuber development. *Plant Physiol.* 127:1459-1465.
- Fufa M and Diro M. 2013. Microtuber induction of two potato (*Solanum tuberosum L.*) varieties. *Adv. Crop Sci. Tech.* vol 2(2): 122. doi: 10.4172/2329- 8863.1000122
- Gembong, T. 1994. *Taksonomi Tumbuhan Obat-obatan*. Yogyakarta: Gadjah mada University Press.
- George EF. Sherrington PD. 1984. *Plant Propagation by Tissue Culture. Handbook and Directory of Commercial Laboratories*. Eversley Basing
- Ginzberg I, Barel G, Ophir R, Tzin E, Tanami Z, Muddarangapa T, de jong W, Fogelman E. 2009. Transcriptomic Profiling of Heat Stress Response in Potato Periderm. *J Exp. Bot.* 15(60): 4411-4421.
- Gopal J, Chamail A, Sarkar D. 2004. *In vitro* Production of Micro Tuber for Conservation of Potato Germplasm Effect of Genotipe, Abscisic Acid, dan Sucrose. *In vitro Cell & Dev. Biol Planta.* 40(5) : 485-490.
- Gunawan LW. 1995. *Teknik Kultur In Vitro dalam Hortikultura*. Jakarta. PT Penebar Swadaya.
- Joan Joulanda G.K. 2011. *Pengaruh Konsentrasi Nitrogen dan Sukrosa Terhadap Produksi Umbi Mikro Kentang Kultvar Granola*. Tesis. Institut Pertanian Bogor.

- Karjadi AK, Buchory A. 2007. Pengaruh konsentrasi BAP dan sumber karbohidrat gula terhadap induksi umbi mikro kentang J Agrivigor 6(3): 197-205.
- Karyadi, A. K., Luthfy, dan Buchory, 1995. Pengaruh Penambahan Air Kelapa dan Giberalin Terhadap Pertumbuhan Stek Kentang Secara In Vitro. *J. hort.* 5(4) : 38-47.
- Kementerian Pertanian [Kementan]. 2015. Impor komoditi Pertanian Berdasarkan Negara Asalsub Sektor : Hortikultura Periode Januari sampai dengan Desember 2014. <http://aplikasi.pertanian.go.id/> diakses pada 21 Maret 2018.
- Khuri, S., and Moorby, J., 1995. Investigation into the role of Sucrose in Potato cv. Estima Microtuber Production in vitro. *Jurnal Annal of Botany* 75 (3): 203-205.
- Levy, D & Veilleux, RE 2007, 'Adaptation of potato to high temperatures and salinity', *Amer. J. Potato Res.*, vol. 84, pp. 487-506.
- Liu, F., A. Shahnazari, M.N. Andersen, S.E. Jacobsen, C.R. Jensen. 2006. Physiological responses of potato (*Solanum tuberosum* L.) to partial root zone drying: ABA signalling, leaf gas exchange, and water use efficiency. *J Experimental Botany*. 57:3727-3735
- Liu, F., A. Shahnazari, M.N. Andersen, S.E. Jacobsen, C.R. Jensen. 2006. Physiological responses of potato (*Solanum tuberosum* L.) to partial root zone drying: ABA signalling, leaf gas exchange, and water use efficiency. *J Experimental Botany*. 57:3727-3735
- Lizawati. 2012. Proliferasi kalus embriogenesis somatis jarak (*Jatropha curcas* L.) dengan berbagai kombinasi ZPT dan asam amino. *Bioplantae* 1:65-72.
- Mulyaningsih, T. dan Nikmatullah, A. 2006. Gaya Belajar Kultur Jaringan. Fakultas Pertanian Unram.
- Murashige, T. dan F. Skoog. 1962. A Revised medium for rapid growth and bioassays with tabaco tissue cultures. *Physiologia Plantarum*. 15:473-497.
- Neni, J. 2010. Budidaya Kentang Organik.
- Nikmah, F., E. Ratnasari., dan L. S. Budipramana. 2012. Pengaruh Pemberian Berbagai Jurnal Online Agroekoteknologi . ISSN No. 2337- 6597 Vol.2, No.3 : 997 - 1003 , Juni 2014 1003 Kombinasi Konsentrasi Sukrosa dan Kinetin Terhadap Induksi Umbi Mikro Kentang (*Solanum tuberosum* L.) Kultivar Garnola Kembang Secara In vitro. *LenteraBio*. 1(1):41-48.
- Nistor, A, G. Campeanu, N. Atanasiu, N. Chiru & D. Karacsonyi. 2010. Influence of potato genotypes on "in vitro" production of microtubers. *Romanian Biotechnological Letter* 15: 5317- 5324.

- Nurhidayah dkk. 2005. *Kandungan Klorofil Pada Daun Tanaman Kentang (Solanum tuberosum L.) di sekitar Kawah Sikidang Dataran Tinggi Dieng*. Biosmart . 3(1) Hal.1 <http://www.scribd.com/doc/13095034/b030107>. Akses 7 November 2011
- Otroshi M, Nazarian F, Struik PC. 2009. Effects of Temperature Fluctuation During In Vitro Phase on in Vitro Microtuber Production in Different Cultivars of Potato (*Solanum tuberosum L.*). *Plant Cell Tiss Organ Cult.* 98(2) : 213-218.
- Park, S.W., J.H. Jeon, H.S. Kim, S.J. Hong, C. Swath, H. Joung. 2009. The effect of size and quality of potato microtubers on quality of seed potatoes in the cultivar 'Superior'. *Sci. Hort.* 120:127-129.
- Prawiranata, Harran WS, Tjondronegoro P. 1994. *Dasar-Dasar Fisiologi Tumbuhan* Bogor: Jurusan Biologi FMIPA. IPB.
- Rukmana R. 2002. *Usaha Tani Kentang Sistem Mulsa Plastik*. Kanisius Yogyakarta.
- Rukmana, R. 2004. *Bertanam Petsai dan Sawi*. Kanisius, Yogyakarta.
- Saha S, Ahmed M, Islam MM, Remme RN, Ali MR. 2013. Effect of different levels of sucrose on microtuberization and different substrates on minituber production resulted from potato meristem culture. *J.Agric. Vet. Sci.* vol 4(6): 58-62.
- Sandra E dan Karyaningsih L. 2000. *Panduan teknis Pelatihan Kultur Jaringan. Unit Kultur Jaringan Laboratorium Konservasi Tumbuhan Jurusan Konservasi Sumberdaya Hutan Fakultas Kehutanan Institut Pertanian Bogor, Bogor.*
- Sharma KG, et al. 2002. Localization, Regulation, and Substrate Transport Properties of Bpt1p, a *Saccharomyces cerevisiae* MRP- type ABC Transporter. *Eukaryot Cell.*1(1) : 391-400.
- Stark KL. And Love SM. 2003. *Potato Production System*. California: Mcgraw Hill.
- Suharjo UKJ, Fahrurrozi, Sudjatmiko S.2008. Memacu Pembentukan Umbi Mikro Kentang pada Suhu Tinggi dengan aplikasi Paclobutrazol, Coumarin, CCC, dan Ancymidol. *Prosiding seminar pekan kentang nasional, Lembang, Bandung, 22-23 Agustus 2008.*
- Suliansyah, I. 2013. *Kultur Jaringan Tanaman*. PT. Leutika Nouvalitera. Yogyakarta. 211 hal.
- Sunarjono. 2007. *Petunjuk Praktis Budidaya Kentang*. Agromedia Pustaka: Jakarta.

- Thorpe, T., C. Stasolla., E. C. Yeung., G. J. de Klerk., A. Roberts dan E. F. George. 2008. The Component Of Plant Tissue Culture Media II: Organic Additions, Osmotic, pH Effect and Support Systems, dalam E. F. George., M. A. Hall dan G. J. de Klerk (Ed.) *Plant Propagation by Tissue Culture*. 3rd Edition. Springer. Netherlands.
- Tini, N, dan mri, K.2002. Mengebunkan Jati Unggul: Pilihan Investasi Poespektif. Cetakan 1. Agromedia Pustaka. Jakarta.
- Trigiano RN, Gray DJ (2005) *Plant development and biotechnology*. pp376. CRC Press, Washington DC
- Vayda ME. 1994. Environmental stress and its impact on potato yield. In: Bradshaw JE, Mackay GR, editor. *Potato Genetics*. Cambridge (UK): Cambridge Univ Pr. 552
- Viola R. 2000. Tuber filling and starch synthesis in potato. In: Gupta AK, Kaur N, editor. *Carbohydrate Reserves in Plants*. Amsterdam (Netherland): Elsevier Science. p 169 – 194
- Wang PJ, Hu CY.1985. Potato Tissue Culture and its Application in Agriculture. Di dalam: Li PH, editor. *Potato Physiology*. New York: Academic Press, Inc.
- Wardatutthoyyibah, R.S. Wulandari dan H. Darwanti 2015. Penambahan Auksin dan Sitokinin terhadap Pertumbuhan Tunas dan Akar Gaharu secara In vitro. *Hutan Lestari*, 3(1): 43-50.
- Warnita. 2008. Modifikasi Media Pengumbian Kentang dengan Beberapa Zat Penghambat Tumbuh. Diakses melalui [http:// repository. Unand.ac.id/2529/1/9._WARNITA.doc](http://repository.unand.ac.id/2529/1/9._WARNITA.doc), tanggal 25 November 2010.
- Wattimena. 2000. Pengembangan propagul kentang bermutu dari kultivar unggul dalam mendukung peningkatan produksi kentang di Indonesia. Orasi ilmiah guru besar tetap ilmu hortikultura Fakultas Pertanian IPB. Bogor. 86
- Wattimena GA, Purwito A, Kailola JJG, Hehanussa ML.2001. in vitro microtuber production of potato (*Solanum tuberosum* L) by manipulating aspirin and tuberization medium. Jogjakarta Indonesia : Internasional Biotechnology Conference, 24-26 October 2001.
- Yuliarti, Nurheti. 2010. *Kultur jaringan*. Pusat Antar Universitas IPB. Bogor
- Zakaria, D, 2010 Pengaruh Konsentrasi Sukrosa dan BAP (Benzil Amino Purine) dalam Media Murashige Skoog (MS) terhadap Pertumbuhan dan kan
- Zulkarnain. 2009. *Kultur Jaringan Tanaman : Solusi Perbanyak Tanaman Budidaya*. Jakarta: Bumi Aksara