

## DAFTAR PUSTAKA

- Agrawal, A. A., Strauss, S. Y. and Stout, M. J. 1999. Costs of Induced Responses and Tolerance to Herbivory in Male and Female Fitness Components of Wild Radish. *Evolution*. 53: 1093–1104.
- Aida, M., Beis, D., Heidstra, R., Willemsen, V., Blilou, I., Galinha, C., Nussaume, L., Noh, Y.S., Amasino, R. and Scheres, B. 2004. The PLETHORA genes mediate patterning of the Arabidopsis root stem cell niche. *Cell* 119: 109-120.
- Aloni R, Aloni, E., Langhans, M., and Ullrich, C.I. 2006. Role of Cytokinin and Auxin in Shaping Root Architecture: Regulating Vascular Differentiation, Lateral Root Initiation, Root Apical Domiance and Root Gravitropism. *Annal of Botany*. 97:883-893.
- Andrawulan N, dan Fitri F. 2012. Pewarna Alami Untuk Pangan. Seafast Center. Institute Pertanian Bogor. 23-24.
- Ani, N. 2004. Pengaruh konsentrasi Paklobutrazol dan Urea Pada Stek kentang terhadap produksi Berlet Varietas Granola. Bidang Ilmu pertanian Vol 2, Nomor 1.
- Badan Litbang Pertanian. 2011. Petunjuk Pelaksanaan Pendampingan Sekolah Lapangan Pengelolaan Tanaman Terpadu (PTT) Padi. Badan Litbang Pertanian. BBP2TP. Kementerian Pertanian.
- Belhadj, A., Saigne, C., Telef, N., Cluzet, S., Bouscaut, J., Corio-Costet, M.-F. and Mérillon, J.-M. 2006. Metil Jasmonate Induces Defense Responses in Grapevine and Triggers Protection Against *Erysiphe necator*. *Journal of Agricultural and Food Chemistry*. 54:9119–9125.
- Budiharto, A. 2006. Mekanisme Kerja mesin Penakar Tanah dan Penebar Benih Padi untuk Pembibitan Padi Sistem Dopag. Teknisi Litkayasa Pelaksana pada Balai Besar Pengembangan Mekanisasi Pertanian: Tangerang.
- Creelman, R.A. and Rao, M.V. 2002. The oxylipin pathway in *Arabidopsis*. In *The Arabidopsis Book* (Somerville, C.R. and Meyerowitz, E.M., eds), doi10.1199/tab.0012, American Society of Plant Biologists.
- Creelman RA, Mullet J E.. 1997. Biosynthesis and action of jasmonates in plants. *Plant Mol Biol* 48: 355-381.

- Chang, C., Yang, M., Wen, H., and Chern, J. 2002. Estimation of Total Flavonoid Content in Propolis by Two Complementary Colorimetric Methods. *Journal of Food Drug Analysis*. 10: 178-182.
- Davis. 2005. *Plant Hormone*. Biosynthesis, Signal Transduction, and Action. Kluwer academic publisher. The Netherlands. 750p
- De Datta, K.S. 1981. Principle and Practices of Rice Production. A Wiley Interscience Publication., New York, United States of America ,618 p.
- Esmailpour S., Saeid H., Parisa J., and Ghobad S. 2011. The investigation of paclobutrazol effects on growth and yield of two potato (*Solanum tuberosum*) cultivars under different plant density, (online) *Journal of Food, Agriculture & Environment* 9 (3&4): 289-294.
- Gomez, K.A. dan Gomez A.A. 1995. Prosedur Statistik untuk Penelitian Pertanian. Edisi Kedua. Jakarta : UI – Press, hal :13 – 16.
- Gundlach, H., J.M. Muller, T. M. Kutchan, and H.M. Zenk. 1992. Jasmonic acid is a signal transducer in elicitor induced plant cell culture. *Plant Biology* 89: 2389-2393.
- Hajjari, J., Nerg, A. M., Kainulainen, P., Viiri, H., Vuorinen, M. and Holopainen, J. K. 2005. Application of Metil Jasmonate Reduces Growth But Increases Chemical Defence and Resistance Against *Hylobius abietis* in Scot Pine Seedling. The Netherlands Entomological Society *Entomologia Experimentalis et Applicata*. 115: 117–124.
- Harjati, N., Setijono S., Indriyani S dan Aris S. 2017. Mikroteknik Dasar. 2017. Universitas Brawijaya Press.
- Hyun, J.W. and H.S. Chung. 2004. Cyanidin and malvidin from *Oryza sativa* cv heugjinjubyeo mediate cytotoxicity against human monocytic leukemia Cell by Arrest of G2/M phase and induction of apoptosis. *Journal of Agriculture Food Chemi*. 52:2213-2217.
- Ibrahim, M. S. 2014. Pengaruh paklobutrazol terhadap pertumbuhan bangle (*Zingiber purpureum*) penyimpanan in-vitro. *Balai Penelitian obat dan Rempah*. <http://ejurnal.litbang.pertanian.go.id/index.php> diakses tanggal 18 Agustus 2017
- Kamounsisia dan Choronaupolen. 1999. Paclobutrazol effect growth and flower bud production in gardenia under different light regimens. *Horticulture Science* 34:674-675.

- Kim, M., Kim, H., Koh, K., Kim, H., Lee, Y and Kim, Y.2008. Identification and quantification of anthocyanin pigments in colored rice. *Nutrition Research and Practice* 2(1):46-49.
- Kim , H.Y., Abe, T., Watanabe, H. And Suzuki, Y. 1989. Changes in flower bud development of *Zinnia elegans* as influenced by growth retardant s-07. *Journal Horticulture Science*, 64(1):81-89.
- Kristantini. 2008. Penampilan Cempo Ireng sebagai sumber daya genetik lokal beras hitam. hlm. 117-122. Dalam W.A. Yulianto, U. Santosa, A. Setyowati, S. Luwihono, S. Tamaroh, C.L. Suryani, S. Hardjanti, A. Slamet, D.W. Prastuti, A. Wazyka, dan W. Kunetro (eds.) Prosiding Seminar Nasional Pengembangan Produk Berbasis Sumber Pangan Lokal untuk Mendukung Kedaulatan Pangan. Program Studi Teknologi Hasil Pertanian, Fakultas Agro-industri, Universitas Mercu Buana, Yogyakarta, bekerja sama dengan Perhimpunan Ahli Teknologi Pangan Indonesia (PATPI) Yogyakarta dan Lembaga Ilmu Pengetahuan Indonesia (LIPI) Yogyakarta, 18 Desember 2008.
- Kristantini. 2009. Mengenal Beras Hitam dari Bantul. [www.yogya.litbang.deptan.go.id](http://www.yogya.litbang.deptan.go.id) diakses tanggal 17 Mei 2016.
- Nasrullah N, Yulia Mustika W. dan Devi W. 2012. Stimulasi pembungaan Bugenvil (*Bougenville aspectabilis* Willd) dengan retardan dan berbagai komposisi media dalam lingkungan jalan yang terpolusi udara. *Jurnal Lanskap Indonesia*, 4(1):59-65.
- Nugroho, L. H., Purnomo dan Sumardi, I. 2006. Struktur dan Perkembangan Tumbuhan. Penebar Swadaya. Depok. Hal:63-70.
- Latimer, J.G. Growth retardants affect landscape of Zinnia, Impatiens and Marigold. *Hortscience* 26(5):557-560.
- Lee, J.C., Kim, J.D. , Hsieh, F.H., and Eun, J.B. 2008. Production of black rice cake using ground black rice and medium-grain brown rice. *International Journal Food Science Technology*. 43(6):1078-1082.
- Ling, W.H., Cheng, Q.X. , J. Ma, and Wang. T. 2001. Red and black rice decrease atherosclerotic plaque formation and increase antioxidant status in rabbits. *Journal of Nutrition* 131:1421-1426.
- Ling, W.H., L.L. Wang and J. Ma. 2002. Supplementation of black rice outer layer fraction to rabbits decreases the atherosclerotic plaque formation and increases antioxidant status. *Journal of Nutrition* 132:20-26.

- Martin, D., Tholl, D., Gershenzon, J. and Bohlmann, J. 2002. Metil Jasmonate Induces Traumatic Resin Ducts, Terpenoid Resin Biosynthesis, and Terpenoid Accumulation in Developing Xylem of Norway Spruce Stems. *Plant Physiology*. 129: 1003–1018.
- Pérez, A. G., Sanz, C., Richardson, D. G. and Ollas, J. M. 1993. Metil Jasmonate Vapor Promotes Carotene Synthesis And Chlorophyll Degradation in 'Golden Delicious' Apple Peel. *Journal of Plant Growth Regulation*. 12: 163–167.
- Pauwels, L., Morreel, K., De Witte, E., Lammertyn, F., van Montagu, M., Bourjan, W., Inze, D., and Gossens, A 2008. Mapping methyl jasmonate mediated transcriptional reprogramming of metabolism and cell cycle progression in cultured Arabidopsis cells. *Proceedings of the National Academy of Science of the USA* 105: 1380-1385.
- Purba, J.H. 2011. Kebutuhan dan Cara Pemberian Air Irigasi untuk Tanaman Padi Sawah (*Oryza sativa* L.). *Jurnal Sains dan Teknologi* Vol 10.
- Rosit, Darwati, I dan Yuliani, S. 2006. Pengaruh paklobutrazol terhadap pertumbuhan dan produksi kencur. *Balai Penelitian Tanaman dan Rempah dan Obat*. 3 (2): 27-28
- Rosmanita, B. 2008. Pengaruh Paclobutrazol dan pupuk daun terhadap pertumbuhan dan perkembangan anggrek Dendrobium 'Jiad Gold x Institut Pertanian Bogor. Bogor.
- Rubiyanti, Nurlia. 2014. Pengaruh Konsentrasi Paklobutrazol dan waktu aplikasi terhadap mawar batik. *Agriculture Science Journal*.- I (4): 48-53.
- Ryu, S.N., S.Z. Park, and C.T. Ho. 1998. High performances liquid chromatographic determination of anthocyanin pigments in some varieties of black rice. *Journal of Food Drug Analysis*. 6:1710-1715.
- Salisbury, F.B., dan C.W. Ross. 1995. Fisiologi Tumbuhan. Jilid 3 Terjemahan Diah R. Lukman dan Sumaryo. ITB, Bandung.
- Sasheva, P. 2015. (±)-Metil Jasmonate (CAS 39924-52-2). Diakses online pada <http://www.scbt.com/datasheet-205386-metil-jasmonate.html> pada tanggal 12 Mei 2016.
- Serly, E.L Sengin, and M. Riadi. 2013. Respon Pertumbuhan dan Produksi Ubi Jalar (*Ipomea batatas* L.) yang Diaplikasi Paklobutrazol dan Growmore 6-30-30. Universitas Hasanuddin Makassar.pp.1-14

- Tjitrosoepomo, Gembong. 2010. Taksonomi Tumbuhan Spermatophyta. Yogyakarta: Gajah Mada University Press.
- Tsuda, T., F. Horio, and T. Osawa. 2002. Cyanidin 3–O-beta glucoside suppresses nitric oxide production during a zymosan treatment in rats. *Journal of Nutrition Science Vitaminol* 48:305-310.
- Wasternack, C. and Hause, B. 2013. Jasmonates: biosynthesis, perception, signal transduction and action in plant stress response, growth and development. *Annal Botany*. 111: 1021-1058.
- Wang, S.Y. and Zheng,W. 2005. Preharvest Application of Metil Jasmonate Increases Fruit Quality And Antioxidant Capacity in Raspberries. *International Journal of Food Science and Technology*. 40:187–195
- Wattimena G. A. 1988. Zat Pengatur Tumbuh Tanaman. Bogor: Lab Jaringan Tanaman. PAU Bioteknologi IPB.