

## DAFTAR PUSTAKA

- Abbas, S. M. 2013. The Influence of Biostimulants on The Growth and on The Biochemical Composition of *Vicia faba* CV. Giza 3 Beans. *Romanian Biotechnological Letters* 18(2): 8061-8068.
- Al Majathoub, M. 2004. *Effect of Biostimulants on Production of Wheat (Triticum aestivum L.)*. In: Cantero-Martinez C. (ed.), Gabina D. (ed.). Mediterranean rainfed agriculture: Strategies for sustainability. Zaragoza: CIHEAM. 147-150.
- Asrar, Z. 2012. Terpenoids and Gibberellic Acids Interaction in Plants, In Advances in Selected Plant Physiology Aspects. *InTech Published*. ISBN.978-953-51-0557-2. 398 hal.
- Arnon, D.I. 1994. Copper enzymes in isolated chloroplast, polyphenol oxidase in *Beta vulgaris*. *Plant Physiology* 2: 1-15.
- Aulya, N.R., Noli, Z.A., A. Bakhtiar., Mansyurdin. 2018. Effect of Plant Extracts on Growth and Yield of Maize (*Zea mays* L.). *Pertanika Journal of Agriculture Science* 41(3): 1193 – 1205.
- Ayuningrum J., O.Jumadi dan Ernawati. 2018. Pengaruh Pemberian Ekstrak Alga Sebagai Pemacu Pertumbuhan Jagung (*Zea Mays* L.). Skripsi. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Negeri Makassar. Makassar.
- Berlyn, G.P. and Sivaramakrishnan, S. 1996. The Use of Organic Biostimulants to Reduce Fertilizer Use, Increase Stress Resistance, and Promote Growth. *National Proceedings, Forest and Conservation Nursery Associations* 126(2): 524-535.
- Calvo, P., L. Nelson and J.W. Kloepper. 2014. Agricultural Uses of Plant Biostimulants. *Plant and Soil* 383(1-2): 3-41.
- Darwis AP. 2011. Jenis-jenis penyebab penyakit pada tanaman cabai kopay (*Capsicum annum* L. kultivar Kopay) di Kelurahan Koto Panjang Lampasi, Kecamatan Payakumbuh Utara Sumatera Barat. Skripsi. Universias Andalas. Padang.
- Du Jardin, P. 2012. The science of biostimulants, A Bibliography Analysis. *Report On Biostimulant*. April 2012.
- Du Jardin, P. 2015. Plant Biostimulants: Definition, Concept, Main Categories and Regulation. *Scientica Horticulturae* 196: 3-14.

- Eggink, L.L., H. Park and J.K. Hoober. 2001. *The role of chlorophyll b in photosynthesis: Hypothesis*. BMC Plant Biology. <http://www.biomedcentral.com/1471-2229/1/2>.
- Ertani, A., D. Pizzeghello, O. Franciosi, A. Tinti and S. Nardi. 2016. Biological Activity of Vegetal Extracts Containing Phenols on Plant Metabolism. *Molecules* 21(205): 1-14.
- Gawronska, H. 2008. *Biostimulators: In Modern Agriculture, General Aspect*. Editorial House Wie. Jutra, Limited. Warszawa
- Grabowska, A., E. Kunicki, A. Sekara and A. Kalisz. 2012. The Effect of Cultivar and Biostimulant Treatment on The Carrot Yield and Its Quality. *Vegetable Crops Research Bulletin* 77(1): 37-48.
- Harborne, J.B. 1987. *Metode Fitokimia*. Edisi Kedua. ITB. Bandung.
- Harpenas, A. dan Dermawan, R. 2011. *Budidaya Cabai Unggul*. Penebar Swadaya. Jakarta.
- Hendriyani, I.S., Y. Nurchayati, dan N. Setiari. 2018. Kandungan Klorofil dan Karotenoid Kacang Tunggak (*Vigna unguiculata* (L.) Walp.) pada Umur Tanaman yang Berbeda. *Jurnal Biologi Tropika* 1 (2) : 38-43.
- Keputusan Menteri Pertanian. 2009. *Pelepasan Cabai Keriting Kopay Sebagai Varietas Unggul*. Departemen Pertanian. 5 hal.
- Kesaulya, H. 2015. *Bioprospek Rizobakteria Asal Kentang (Solanum tuberosum L.) var. Hartapel Sebagai Pemacu Pertumbuhan Tanaman*. Disertasi. Universitas Hassanudin. Makassar.
- Kinho, J. 2009. *Mengenal Beberapa Jenis Tumbuhan Paku di Kawasan Hutan 8 Payahe Taman Nasional Aketajawe Lolobata Maluku Utara*. Balai Penelitian Kehutanan Manado. Manado.
- Li, R., P. Guo, M. Baum, S. Grando, and S. Ceccarelli. 2006. Evaluation of Chlorophyll Content and Fluorescence Parameters as Indicators of Drought Tolerance in Barley. *Journal Agricultural Sciences* 5(10):751-757.
- Lingga, Pinus dan Marsono. 2013. *Petunjuk Penggunaan Pupuk*. Penebar Swadaya. Jakarta.
- Nardi, S., D. Pizzeghello., M. Schiavon., and A. Ertani. 2015. Plant biostimulants: Physiological Responses Induced by Protein Hydrolyzed-Based Products and Humic Substances in Plant Metabolism. *Journal Scie Agric* 73(1): 18-23.

- Nio, S. A. 2011. Biomasa dan Kandungan Klorofil Total Daun Jahe (*Zingiber officinale* L.) yang Mengalami Cekaman Kekeringan. *Jurnal Ilmiah SAINS* 2 (11) :190- 195.
- Noli, Z.A. and Azwar, M. 2021. Effects of *Sargassum crassifolium* Extract Formula as Biostimulant on Growth and Yield of *Glycine max* L. Merill. *Jurnal Biologi Tropis* 21 (3): 691-697.
- Noli, Z.A., Suwirman, Aisyah and P. Aliyyanti. 2021. Effect of Liquid Seaweed Extracts as Biostimulant on Vegetative Growth of Soybean. IOP Conf. Ser.: *Earth and Environ. Sci.* doi:10.1088/1755-1315/759/1/012029
- Noli, Z.A., P. Aliyyanti and Mansyurdin. 2022. Study The Effect of *P. minor* Seaweed Crude Extract as A Biostimulant on Soybean. *Pak. J. Biol. Sci.*, 25: 23-28.
- Nurchayati, N. 2010. Hubungan Kekerabatan Beberapa Spesies Tumbuhan Paku Famili Polypodiaceae Ditinjau dari Karakter Morfologi Sporofit dan Gametofit. *Jurnal Ilmiah Progresif* 7 (19): 16.
- Nurlelawati, N., A. Jannah. dan Nimih. 2010. Respon Pertumbuhan dan Hasil Tanaman Cabai Merah (*Capsicum annum* L.) Varietas Prabu Terhadap Berbagai Dosis Pupuk Pospat dan Bokasi Jerami Limbah Jamur Merang. *Jurnal Agrika* 4 (1) : 9-20.
- Peres, M. T. L. P., Silva, L. B., Faccenda, O., and Hess, S. C. (2005). Potencial alelopático de espécies de Pteridaceae (Pteridophyta). *Acta Botanica Brasilica* 18(4): 723–730. doi:10.1590/0102- 33062004000400003.
- Piay SS, Tyasdjaja A, Ermawati Y dan Hantoro FRP. 2010. *Budidaya dan Pascapanen Cabai Merah (Capsicum annum L.).* Badan Penelitian dan Pengembangan Pertanian. Balai Pengkajian Teknologi Pertanian. Jawa Tengah.
- Pohl, A., Grabowska, A., Kalisz, A. and Sekara, A. 2019. The Eggplant Yield and Fruit Composition as Affected by Genetic Factor and Biostimulant Application. *Not. Bot. Horti. Agrobot. Cluj-Napoca.* 47.
- Pratama, A. J and A.N. Laily. 2015. Analysis of Chlorophyll Content of Gandasuli Leaves (*Hedychium gardnerianum* Shephard ex Ker-Gawl) at Three Different Development Areas. *Jurnal Biologi Tropika* 1(2): 36-47.
- Purwono dan H. Purnamawati. 2011. *Budidaya 8 Jenis Tanaman Pangan Unggul* Cetakan ke VI. Penebar Swadaya. Jakarta.
- Rezki, A.U., Suwirman and Noli, Z.A. 2018. The Effects of Extract from The Leaves of *Mikania micrantha* Kunth. (Invasive) and *Cosmos sulphureus* Cav. (Non-

- Invasive) on The Germination of Corn (*Zea mays* L.). *Jurnal Biologi Universitas Andalas* 6(2): 79-83.
- Robinson, T. 1995, *Kandungan Organik Tumbuhan Tinggi* Edisi VI Diterjemahkan oleh Kosasih Padmawinata. ITB. Bandung.
- Rotundo, A., M. Forlaniand C. and Di Vaio. 2004. *Influence of Shading Net Vegetative and Productive Characteristics, Gas Exchange and Chlorophyll Content of The Leaves in Two Blackberry (Rubus ulmifolius Schott)*. (serial on line). <http://www.actahort.org/books/457/457-42.htm> (9 September 2004).
- Sembodo, D. R. J. 2010. *Gulma dan Pengelolaannya*. Graha Ilmu. Yogyakarta.
- Setiadi. 2005. *Bertanam Cabai*. Penebar Swadaya. Jakarta.
- Shao, H., X. Huang, Y. Zhang and C. Zhang. 2013. Main Alkaloids of *Peganum harmala* L. and Their Different Effects on Dicot and Monocot Crops. *Molecules* 18: 2623-2634.
- Spinelli, F., Fiori, G., Noferini, M., Sprocatti, M. and Costa, G. 2009. Perspectives on The Use of A Seaweed Extract to Moderate The Negative Effects of Alternate Bearing in Apple Trees. *J. Hort. Sci. Biotechnol* 84, 131–137.
- Subandi. 2013. Peran Dan Pengelolaan Hara Kalium Untuk Produksi Pangan di Indonesia. *Jurnal Pengembangan Inovasi Pertanian* 6(1): 1-10.
- Sutharsan, S., S. Nishanthi and S. Srikrishnah. 2014. Effects of Foliar Application of Seaweed (*Sargassum crassifolium*) Liquid Extract on the Performance of *Lycopersicon esculentum* Mill. in Sandy Regosol of Batticaloa District Sri Lanka. *American-Eurasian J. Agric. & Environ* 14 (12): 1386-1396.
- Tjitrosoepomo. 2009. *Taksonomi Tumbuhan*. Gadjah Mada University Press. Yogyakarta.
- Trinchera, A. 2014. Filtrate Seaweed Extract As Biostmulant In Nursery Organic Horticulture. *Proceedings of the 4thISOFAR Scientific Conference*.
- Tyutereva, E. V., A. N. Ivanova and O. V. Voitsekhovskaja. 2014. On the role of chlorophyll b in ontogenetic adaptations of plants. *Biology Bulletin Reviews* 4(6): 507-514.
- Ummah, K.K., Noli, Z.A., Bachtiar. A. and Mansyurdin. 2017. Effect of certain plant crude extracts on the growth of upland rice (*Oryza sativa* L.). *International Journal of Current Research in Biosciences and Plant Biology* 4(9): 1-11.

- Wita, R. 2018. Pengaruh Ekstrak *Asystasia gangetica* (L.) T. Anderson Sebagai Biostimulan Terhadap Pertumbuhan dan Hasil Jagung (*Zea mays* L.) Pada Tanah Ultisol. Skripsi. Universitas Andalas. Padang.
- Yandra A. 2010. Mempelajari Proses Untuk Mendapatkan Cabai Kopay serta Analisa Perbandingan Pendapatan dan Keuntungan Usahatani Cabai Kopay dengan Cabai Lokal (Studi kasus : kelompok tani Tunas Baru Kelurahan Koto Panjang Dalam Kecamatan Lampasi Tigo Nagari, Kota Payakumbuh). Skripsi. Padang. Universitas Andalas. Padang.
- Zakiah, Z., I. Suliansyah, A. Bakhtiar and Mansyurdin. 2017. Effect of Crude Extracts of Six Plants on Vegetative Growth of Soybean (*Glycine max* Mer.). *International Journal of Advances in Agricultural Science and Technology* 4 (7): 1-12.
- Zhao-Hui, L., W. Qiang, R. Xiao, P. Cun-De and J. De-An. 2010. Phenolics and Plant Allelopathy. *Molecules* 15:8933-8952.
- Zhou, F., C. Y. Wang, M. Guttensohn, L. Jiang, P. Zhang, D. Zhang, N. Dudareva and S. Lu. 2017. A Recruiting Protein of Geranylgeranyl Diphosphate Synthetase Control Metabolic Flux Toward Chlorophyll Biosynthesis in Rice. *Proceedings of the National Academy of Sciences of the United States of America* 114(26): 6866-6871.
- Zulfitri, 2005, Analisis Varietas dan Polybag Terhadap Pertumbuhan serta Hasil Cabai (*Capsicum annum* L.) Sistem Hidroponik. *BULETIN Penelitian* (08). Universitas Mercu Buana. Jakarta.
- Zi, J., S. Mafu and R.J. Peters. 2014. To Gibberellins and Beyond Surveying the Evolution of (Di)terpenoid Metabolism. *Annl. Rev. Plant Biol.* 65: 259– 286.