

DAFTAR PUSTAKA

- [Ballitas] Balai Penelitian Tanaman Pemanis dan Serat, 2020. *Petunjuk Teknis Budidaya Tanaman Stevia*. Pusat Penelitian Kelapa Sawit.
- [FAO] Food and Agriculture Organization. 2023. *Food Outlook – Biannual report on global food markets*. Food Outlook, November 2023. Rome.
- Abayechaw D, Hailu L, Wondimu T, 2023. Health Benefits and Risk of Sugar Consumption and the Alternative Use of Stevia. *Journal Nutrition and Food Processing*, 6: 1-7.
- Abuarab ME, El-Mogy MM, Hassan AM, Abdeldaym EA, Abdelkader NH, El-Sawy M, 2019. The Effects of Root Aeration And Different Soil Conditioners On The Nutritional Values, Yield, and Water Productivity of Potato in Clay Loam Soil. *Agronomy*, 9(8): 418.
- Adiguna GS, Pramesti R, dan Susanto AB, 2014. Kajian Pemanfaatan Limbah Padat Industri Pengolahan Agaragar Kertas Berbahan Baku Rumput Laut *Gracilaria* Sp. Sebagai Pupuk Pada Tanaman Bayam (*Amaranthus* Sp.). *Journal of Marine Research*, 3(1): 37-43.
- Arafah DL, Hernawati D, Nuryadin E, 2021. The Effect Hormone BAP (6-*Benzyl Amino Purine*) on the Growth of Potato Axillary Shoots (*Solanum Tuberosum* L.) in Vitro. *Jurnal Biologi*, 21(3): 641-647.
- Arshad S, Rehmah T, Saif S, Rajoka MSR, Ranjha MMAN, Hassoun A, Cropotova J, Trif M, Younas A, Aadil RM, 2022. Replacement of Refined Sugar By Natural Sweeteners: Focus on Potential Health Benefits. *Heliyon*, 8(9).
- Basmal J, Munifah I, Rimmer M, Paul L, 2019. Identification and characterization of solid waste from *Gracilaria* sp. Extraction. Di dalam: IOP Conference Series: Earth and Environmental Science. The 4th EMBRIO International Symposium and the 7th International

- Symposium of East Asia Fisheries and Tehcnologists Association; Bogor, 5-6 Agustus 2019,. Bogor: IOP Publishing Ltd. 1-10.
- Basmal J, Munifah I, Rimmer M, Paul L. 2019. Identification and characterization of solid waste from *Gracilaria* sp. extraction; IOP Conference Series: Earth and Environmental Science.
- Braesco VA, Sluik D, Maillot M, Kok F, Moreno LA, 2017. A review of total & added sugar intakes and dietary sources in Europe. *Nutrition Journal*, 16: 1-15.
- Borgo J, Laurella LC, Martini F, Catalán CAN, Sülsen VP. 2021. *Stevia* Genus: Phytochemistry and Biological Activities Update. *Molecules*, 26(9):2733.
- Castañeda-Saucedo, MC, Tapia-Campos E, Ramírez-Anaya JDP and Beltrán J. 2020. Growth And Development of *Stevia* Cuttings During Propagation With Hormones in Different Months of The Year. *Plants*, 9(3): 294.
- Charunnisak, Yefriwati, Darmansyah, 2023. Respon Pertumbuhan Dan Hasil Tanaman Cabai Rawit (*Capsicum frutescens*) Terhadap Kombinasi Bahan Organik dan Fungi Mikoriza Arbuskular (FMA). *Jurnal Agronida*, 9(1):18-25.
- Devi K, 2018. *Profitability And Efficiency Of Sugar Industry In India*.
- Dhana WD, Hanum C , dan Ginting J. Respons Pertumbuhan dan Hasil Bawang Merah dengan Pemberian Pupuk N, P, K Serta Inokulasi Mikoriza. *Jurnal Ilmu Pertanian*, 26(1).
- Dhanapriatna N, 2016. Penjaringan *Azotobacter* sp dan *Azospirillum* sp dari ekosistem lahan sawah sebagai sumber isolat pupuk hayati penambat nitrogen. *Jurnal Agrotek Indonesia*, 1(2): 115-122.
- Edi B, Dini M. 2015. *Panduan Budidaya Stevia Sebagai Penghasil Gula Rendah Kalori*. Koperasi Nikita. Bandung

- Erminawati, 2019. *Budidaya Stevia*. Cu Mitra Sarana Edukasi. Bandung.
- Fauzi R, 2021. Penggunaan *Aloe vera* Sebagai Alternatif ZPT Alami untuk Pertumbuhan Tanaman Kacang Hijau (*Vigna radiata*). *Tropical Bioscience: Journal of Biological Science*, 1(2): 27-36.
- Freschet GT. 2021. A Starting Guide To Root Ecology: Strengthening Ecological Concepts and Standardizing Root Classification, Sampling, Processing and Trait Measurements. *Journal New Phytologist*, 232: 973-1122.
- Gallegos-Cedillo VM, Diáñez F, Nájera C, Santos M, 2021. Plant Agronomic Features Can Predict Quality and Field Performance: A Bibliometric Analysis. *Agronomy*, 11(11):2305.
- Gillespie KM, Kemps E, White MJ, Bartlett SE, 2023. The impact of free sugar on human health—a narrative review. *Nutrients*, 15(4):889.
- Giuliani LM, Paul DH, and Kenneth WL, 2024. Effects of Soil Structure Complexity to Root Growth of Plants With Contrasting Root Architecture. *Soil and Tillage Research*, 238:106023.
- Gliński J, 2018. Soil Physical Conditions and Plant Roots. CRC Press, Boca Raton.
- Gustia H, 2013. Pengaruh penambahan Sekam Bakar Pada Media Tanam Terhadap Pertumbuhan Dan Produksi Tanaman Sawi (*Brassica Juncea* L.). *Jurnal Widya Kesehatan dan Lingkungan*, 1(1): 12-17.
- Hayati E, Sabaruddin S, dan Rahmawati R, 2012. Pengaruh Jumlah Mata Tunas Dan Komposisi Media Tanam Terhadap Pertumbuhan Stek Tanaman Jarak Pagar (*Jatropha Curcas* L.). *Jurnal Agrista*, 16(3): 29–134.
- Hindersah R, Neni R, Arief H, Nuryani, 2017. Peningkatan Populasi, Pertumbuhan dan Serapan Nitrogen Tanaman Kedelai Dengan

- Pemberian *Azotobacter* Penghasil Eksopolisakarida. *Jurnal Agronomi Indonesia*, 45(1):30-35.
- Ichsan MC, Pranata R, Wijaya I, 2016. Respon Produktifitas Okra (*Abelmoschus Esculentus*) Terhadap Pemberian Dosis Pupuk Petroganik dan Pupuk N. *Jurnal Ilmu-Ilmu Pertanian*, 14(1): 29-41.
- Kamillia G, Sulichantini ED, Pujowati P, 2019. Pengaruh Pemberian Berbagai Bahan Zat Pengatur Tumbuh Alami Pada Pertumbuhan Bibit Cempedak (*Artocarpus champeden* Lour.). *Jurnal Agroekoteknologi Tropika Lembab*, 2(1): 20–23.
- Kitila C, Mohammed W, Woldetsadik K, 2022. Influence Of Rooting Media, Number Of Nodes And Seedling Growing Methods On Rooting, Seedling Establishment And Early Growth Of Chaya (*Cnidioscolus aconitifolius* Mcvaugh) Stem Cuttings at Dire Dawa, Eastern Ethiopia. *Arch Anat Physiol*, 7(1): 013-025.
- Komarawidjaja W, 2011. Kajian Pemanfaatan Limbah Padat Industri Pengolahan Rumput Laut Sebagai Media Kultur Mikroalga *Chlorella* Sp. *Jurnal Teknik Lingkungan*, 12(3): 241-250
- Kovačević DB, Marta P, Barba FJ, Granato D, Shahin R, Kumar M, Montesano D, Lorenzo JM, Putnik P. 2018. Innovative technologies for the recovery of phytochemicals from *Stevia rebaudiana* Bertoni leaves: A review. *Food Chemistry*, 268: 512-521.
- Lakehal A, Chaabouni S, Cavel E, Le Hir R, Ranjan A, Raneshan Z, Novák O, Păcurar DI, Perrone I, Jobert F, Gutierrez L, Bakò L, Bellini C, 2019. A molecular framework for the control of adventitious rooting by TIR1/AFB2-Aux/IAA-Dependent auxin signaling in Arabidopsis. *Journal Molecular Plant*, 12(11): 1499–1514.
- Manitoba, 2015. *Properties of Manure*. Manitoba Agriculture, Food and Rural Development, Manitoba.

- Manohar KA, Gopal S, Bidhan R, Sumit C, 2022. Effects of plant growth regulators and growing media on propagation and field establishment of *Stevia rebaudiana*: a medicinal plant of commerce. *Journal CABI Agriculture and Bioscience*, 3(4): 1-12.
- Musafa MK, Aini LQ, Budi P, 2015. Peran Mikoriza Arbuskula Dan Bakteri *Pseudomonas fluorescens* Dalam Meningkatkan Serapan P Dan Pertumbuhan Tanaman Jagung Pada Andisol. *Jurnal Tanah dan Sumberdaya Lahan*, 2(2): 191-197.
- Nugroho SA, Arozi LNA, Novenda IL, 2023. Pengaruh Media Tanam Dan ZPT Nabati (Air Kelapa Dan Bawang Merah) Terhadap Pertumbuhan Setek Vanili (*Vanilla planifolia* Andrews). *Jurnal Bioscience* 6(11): 83-97.
- Pal PK, Ashok K, Singh S, Kumar R, Mohit S, Sud RK, 2017. Agrotechnology of *Stevia rebaudiana* Bertoni). *Technical Folder*.
- Peteliuk V, Rybchuk L, Bayliak M, Storey KB, Lushchak O, 2021. Natural sweetener *Stevia rebaudiana*: functionalities, health benefits and potential risks. *EXCLI J.* 20:1412-1430. DOI:10.17179/excli2021-4211.
- Pinasthika W, Ninuk H, 2021. Pengaruh Komposisi Media Tanam Terhadap Pertumbuhan dan Hasil Tanaman *Stevia rebaudiana* Bertoni). *Jurnal Produksi Tanaman*, 9(1): 1-9.
- POWO [Plants of the World Online].2023. Plants of the World Online.Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.plantsoftheworldonline.org/>. [2 December 2023]
- Prasasti OH, Kristanti IP, Nurhatika S, 2013. Pengaruh mikoriza *glomus fasciculatum* terhadap pertumbuhan vegetatif tanaman kacang tanah yang terinfeksi patogen *sclerotium rolfsii*. *Jurnal Sains dan Seni Pomits*, 2(2):74-78.

- Pratiwi NA, Bistok HS, Dina B, 2017. Pengaruh Media Tanam Terhadap Pertumbuhan Tanaman Stroberi (*Fragaria vesca* L.) Sebagai Tanaman Hias Taman Vertikal. *Jurnal AGRIC Ilmu Pertanian*, 29(1): 11-20
- Pratiwi NE, Husaini H, dan Suhartono E, 2017. Filtrasi Campuran Pasir Dan Ampas Tahu Kering Sebagai Adsorben Logam Besi Dan Mangan Pada Air Gambut. *Jurnal Berkala Kesehatan*, 1(2), 139.
- Reski L, Afrida, Syamsuwirman, 2021. Pengaruh POC Urine Kelinci Terhadap Pertumbuhan. *Jurnal Mahasiswa Pertanian*, 5(2): 63-77.
- Rohaini E, Andianto P, Bowo C, 2023. Pemanfaatan Mulsa Dan Pupuk Kandang Sapi Untuk Peningkatan Pertumbuhan Dan Produksi Tanaman Stevia (*Stevia rebaudiana* Bert.) *Journal of Agricultural Science*, 8(1): 88-100.
- Rosmalia A, 2019. *Peranan bakteri Azospirillum sp. dan Kaitannya Dengan Peningkatan Produksi Hijauan Pakan*. Insitut Pertanian Bogor.
- Saptaji, Setyono, Nur R, 2015. Pengaruh Air Kelapa Dan Media Tanam Terhadap Pertumbuhan Stek Stevia (*Stevia Rebaudiana* Bertoni). *Jurnal Agronida*, 1(2): 83-91.
- Saputra DR, 2008. *Aplikasi Bioteknologi Pemanfaatan Limbah Rumput Laut*. Kanisius, Jakarta.
- Sardar H, Waqas M, Naz S, Ejaz S, Ali S, Ahmad R, 2022. Evaluation of different growing media based on agro-industrial waste materials for the morphological, biochemical and physiological characteristics of stevia. *Journal Cleaner Waste System*, 3: 1-8.
- Setyayudi A, 2018. Keberhasilan Stek Pucuk Tanaman *Gyrinops Versteegii* Melalui Pemilihan Media Akar Dan Zat Pengatur Tumbuh. *Jurnal Faloak*, 2(2): 127-138.
- Sinuraya JF, Suryadi M, Ariningsih E, Ashari, and Purwantini TB. 2023. Policy and action plan to increase national sugar production. IOP Conf.

Series: Earth and Environmental Science. DOI:10.1088/1755-1315/1153/1/012011

- Sumanto NL, Ardian EP, 2019. Pengaruh Pemberian Zat Pengatur Tumbuh Alami Terhadap Pertumbuhan Stek Stevia (*Stevia rebaudiana* B.). *Jurnal Ilmiah Biologi*, 7(2): 138-145.
- Sumaryono, Masna MS, 2015. *Petunjuk Teknis Budidaya Tanaman Stevia*. Pusat Penelitian Bioteknologi dan Bioindustri Indonesia. Bogor.
- Suptijah P, Wasis B, Mandella ABM, 2011. Pemanfaatan Pupuk Limbah Agar-Agar Terhadap Pertumbuhan Semai Mahoni (*Swietenia macrophylla*, King) di Media Tailing Tambang Emas PT Antam Ubpe Pongkor. *Jurnal Akuatik Sumberdaya Perairan*, 5(1): 9-12
- Suptijah P, Wasis B, Mandella ABM, 2011. Pemanfaatan Pupuk Limbah Agar-Agar Terhadap Pertumbuhan Semai Mahoni (*Swietenia macrophylla*, King) di Media Tailing Tambang Emas PT Antam Ubpe Pongkor. *Jurnal Akuatik Sumberdaya Perairan*, 5(1): 9-12
- Syarifah F, Herlina F, Novita KI, 2018. Pengaruh Pemberian Limbah Padat Industri Agar sebagai Pupuk Organik terhadap Pertumbuhan Tanaman Sawi Hijau (*Brassica juncea*). *Jurnal Lentera Bio*, 7(3):221-225.
- Syarifah F, Herlina F, Novita KI, 2018. Pengaruh Pemberian Limbah Padat Industri Agar sebagai Pupuk Organik terhadap Pertumbuhan Tanaman Sawi Hijau (*Brassica juncea*). *Jurnal Lentera Bio*, 7(3):221-225.
- Tavarini S, Passera B, Martinu A, Avio L, Sbrana C, Giovanneti M, Angelini LG, 2018. Plant growth, steviol glycosides and nutrient uptake as affected by arbuscular mycorrhizal fungi and phosphorus fertilization in *Stevia rebaudiana* Bert. *Journal Industrial Crops and Product*, 111: 899-907.
- Vos J, Van der Putten PEL, Birch CJ, 2005. Effect Of Nitrogen Supply on Leaf Appearance, Leaf Growth, Leaf Nitrogen Economy and

- Photosynthetic Capacity In Maize (*Zea mays L.*). *Field Crops Research*, 93(1): 64-73.
- Wahab A, Murad M, Asma M, Abdi G, Wajid Z, Asma A, Chandni K, Sneha PPR, 2023. Role of Arbuscular Mycorrhizal Fungi In Regulating Growth, Enhancing Productivity, and Potentially Influencing Ecosystems Under Abiotic and Biotic Stresses. *Journal Plants (Basel)*, 12(17):3102.
- Walkinson KM, Thomas DL, Diane LH, Brian FD, Kasten RD, 2014. *A Guide to Starting and Operating a Nursery for Native and Traditional Plants*. US: Department of Agriculture Forest Service.
- Widjaja S, 2021. Industri Pengolahan Rumput Laut Nir Limbah. Prosiding Seminar Nasional; 22 Juli Agustus 2021,. Balai Besar Riset Pengolahan Produk dan Bioteknologi dan Perikanan
- Wiser L, and Theo JB, 2016. The effect of nitrogen and phosphorus ratios and electrical conductivity on plant growth. *American Journal of Plant Sciences* 7(12): 1590-1599. DOI: 10.4236/ajps.2016.712150Huijile L, Jiawei W, Ali S, Iqbal B, Zhang H, Wang S, Chen B, Zhou Z. 2020. Agronomic traits at the seedling stage, yield, and fiber quality in two cotton (*Gossypium hirsutum L.*) cultivars in response to phosphorus deficiency. *Journal Soil and Plant Nutrition*, 66(2): 308-316. DOI: 10.1080/00380768.2019.1709543.
- Zhao H, Liu J, Chen X, and Wang Z, 2019. Straw mulch an alternative to plastic film mulch: positive evidence from dryland wheat production on the loess plateau. *Science of the Total Environment*, 676: 782 -791.