

DAFTAR PUSTAKA

- Abdelgawad, K. F., El-Mogy, M. M., Mohamed, M. I. A., Garchery, C., & Stevens, R. G. (2019). Increasing ascorbic acid content and salinity tolerance of cherry tomato plants by suppressed expression of the ascorbate oxidase gene. *Agronomy*, 9(2). <https://doi.org/10.3390/agronomy9020051>
- Acosta-Motos, J. R., Ortuño, M. F., Bernal-Vicente, A., Diaz-Vivancos, P., Sanchez-Blanco, M. J., & Hernandez, J. A. (2017). Plant responses to salt stress: Adaptive mechanisms. In *Agronomy* (Vol. 7, Issue 1). MDPI AG. <https://doi.org/10.3390/agronomy7010018>
- Afanador-Barajas, L. N., Navarro-Noya, Y. E., Luna-Guido, M. L., & Dendooven, L. (2021). Impact of a bacterial consortium on the soil bacterial community structure and maize (*Zea mays* L.) cultivation. *Scientific Reports*, 11(1). <https://doi.org/10.1038/s41598-021-92517-0>
- Al Farisy, M.I., & Jadid, N. (2018). Pengaruh Pra-perlakuan Paraquat terhadap Kandungan Asam Askorbat pada Tembakau (*Nicotiana tabacum* L.) var. MKY yang Dicekam Kekeringan. *J. Sains dan Seni ITS*, 7(1), 5-8.
- Alami, N.H., Ayu, S.A.T., Kuswytasari, N.D., Zulaika, N., & Sovitri, M. (2017). Effect of Yeast Based Biofertilizer combined with bacteria on Mustard Plant Growth. *International Journal of Applied Biology*, 1(2), 46-57.
- Alifah, S., Nurfida, A., & Hermawan, A. (2019). PENGOLAHAN SAWI HIJAU MENJADI MIE HIJAU YANG MEMILIKI NILAI EKONOMIS TINGGI DI DESA SUKAMANIS KECAMATAN KADUDAMPIT KABUPATEN SUKABUMI. In *Journal of Empowerment Community* (Vol. 1, Issue 2).
- Ariananda, B., Nopsagiarti, T., & Mashadi, D. (2020). Pengaruh Pemberian Berbagai Konsentrasi Larutan Nutrisi AB Mix terhadap Pertumbuhan dan Produksi Selada (*Lactuca sativa* L.) Hidroponik Sistem Floating. *Jurnal Green Swarnadwipa*, 9(2), 185-195.
- Ashraf, M., & McNeilly, T. (2004). Salinity tolerance in *Brassica* oilseeds. In *Critical Reviews in Plant Sciences* (Vol. 23, Issue 2, pp. 157–174). <https://doi.org/10.1080/07352680490433286>
- Azri. (2019). Pengaruh Pupuk Hayati dan Pupuk Organik terhadap Produktivitas Tanaman Jagung pada Lahan Bekas Tambang Bouksit. *Jurnal Pengkajian dan Pengembangan Teknologi Pertanian*, 22(2), 225-234. doi: <http://dx.doi.org/10.21082/jpptp.v22n2.2019.p238-248>
- Bahzar, M.H., & Mudji, D. (2018). Pengaruh Nutrisi dan Media Tanam terhadap Pertumbuhan dan Hasil Tanaman Pakcoy (*Brassica rapa* L. var. *chinensis*) dengan Sistem Hidroponik Sumbu. *Jurnal Produksi Tanaman*, 6(7), 1273-1281.
- Bandopadhyay, L., Mukherjee, S., & Sikdar, S. R. (2021). Estimating the salt tolerance level of *Brassica juncea* B-85 (Seeta) variety by physiological and biochemical analysis. *Plant Physiology Reports*, 26(2), 374–380. <https://doi.org/10.1007/s40502-021-00579-z>
- Barka, E. A., Vatsa, P., Sanchez, L., Gaveau-Vaillant, N., Jacquard, C., Klenk, H.-P., Clément, C., Ouhdouch, Y., & van Wezel, G. P. (2016). Taxonomy, Physiology, and Natural Products of Actinobacteria. *Microbiology and Molecular Biology Reviews*, 80(1), 1–43. <https://doi.org/10.1128/mmb.00019-15>

- Bensidhoum, L., & Nabti, El.-h. (2019). Plant Growth-Promoting Bacteria for Improving Crops Under Saline Conditions. In *Microorganisms in Saline Environments: Strategies and Functions*. Soil Biology 56. Springer: Switzerland. p 332-339. https://doi.org/10.1007/978-3-030-18975-4_10
- Bhatla, S. C. and M. A. Lal. 2018. *Plant Physiology, Development and Metabolism*. New Delhi : Springer. p 579;585; 767-768
- Bhattarai, S., Biswas, D., Fu, Y. B., & Biligetu, B. (2020). Morphological, physiological, and genetic responses to salt stress in alfalfa: A review. In *Agronomy* (Vol. 10, Issue 4). MDPI AG. <https://doi.org/10.3390/agronomy10040577>
- Bitá, C. E. & Gerats, T. (2013). Plant tolerance to high temperature in a changing environment: scientific fundamentals and production of heat stress-tolerant crops. *Frontiers in Plant Science* (Vol. 4, Issue JULY). Frontiers Research Foundation. <https://doi.org/10.3389/fpls.2013.00273>
- Bontemps, C., Toussaint, M., Revol, P. V., Hotel, L., Jeanbille, M., Uroz, S., Turpault, M. P., Blaudez, D., & Leblond, P. (2013). Taxonomic and functional diversity of Streptomyces in a forest soil. *FEMS Microbiology Letters*, 342(2), 157–167. <https://doi.org/10.1111/1574-6968.12126>
- Chinese Mustard – *Brassica juncea*. Montana Field Guide. Montana Natural Heritage Program. Retrieved on April 6, 2021, from <https://Fieldguide.mt.gov/speciesDetail.aspx?elcode=PDBRA0C050>
- Chu, T. N., Tran, B. T. H., van Bui, L., & Hoang, M. T. T. (2019). Plant growth-promoting rhizobacterium *Pseudomonas* PS01 induces salt tolerance in *Arabidopsis thaliana*. *BMC Research Notes*, 12(1). <https://doi.org/10.1186/s13104-019-4046-1>
- Chutipaijit, S., Cha-Um, S., & Sompornpailin, K. (2009). DIFFERENTIAL ACCUMULATIONS OF PROLINE AND FLAVONOIDS IN INDICA RICE VARIETIES AGAINST SALINITY. In *Pak. J. Bot* (Vol. 41, Issue 5).
- Cruz-Hernández, M. A., Mendoza-Herrera, A., Bocanegra-García, V., & Rivera, G. (2022). *Azospirillum* spp. from Plant Growth-Promoting Bacteria to Their Use in Bioremediation. In *Microorganisms* (Vol. 10, Issue 5). MDPI. <https://doi.org/10.3390/microorganisms10051057>
- Das, H. K. (2019). Azotobacters as biofertilizer. In *Advances in Applied Microbiology* (Vol. 108, pp. 1–43). Academic Press Inc. <https://doi.org/10.1016/bs.aambs.2019.07.001>
- Dasgupta, D., Kumar, K., Miglani, R., Mishra, R., Panda, A.K., & Bisht, S.S. (2021). Microbial fertilizers: Recent trends and future outlook. *Recent Advancement in Microbial Biotechnology Agricultural and Industrial Approach*. Academic Press, 1-26 <https://doi.org/10.1016/B978-0-12-822098-6.00001-X>
- Elpawati, Stephani, D.D.Y.K.S., & Dasumiati. 2015. Optimalisasi Penggunaan Pupuk Kompos dengan Penambahan *effective Microorganism* 10 (Em 10) pada Produktivitas Tanaman Jagung (*Zea mays* L.). *Jurnal Biologi*, 8(2), 77-87.
- Ernest, E., Onyeka, Ozuah A.C., & Onwubiko, R.O. (2017). Comparative Assessment of the Effect of Ripening Stage on the Vitamin C Contents of Selected Fruits Grown within Nsukka Axis of Enugu State. *International Journal of Environment, Agriculture and Biotechnology*, 2(2), 712–714. <https://doi.org/10.22161/ijeab/2.2.19>
- Fajri, F., Rahmatu, R., & Alam, N. (2018). Kadar Klorofil dan Vitamin C Daun Kelor (*Moringa oleifera* Lam) dari Berbagai Ketinggian Tempat Tumbuh.

- AGROTEKBIS: E-JURNAL ILMU PERTANIAN*, 6(2), 152-158. Retrieved from <http://jurnal.faperta.untad.ac.id/index.php/agrotekbis/article/view/270>
- Feng, Z. T., Deng, Y. Q., Fan, H., Sun, Q. J., Sui, N., & Wang, B. S. (2014). Effects of NaCl stress on the growth and photosynthetic characteristics of *Ulmus pumila* L. seedlings in sand culture. *Photosynthetica*, 52(2), 313–320. <https://doi.org/10.1007/s11099-014-0032-y>
- Gupta, B., & Huang, B. (2014). Mechanism of salinity tolerance in plants: Physiological, biochemical, and molecular characterization. In *International Journal of Genomics* (Vol. 2014). Hindawi Publishing Corporation. <https://doi.org/10.1155/2014/701596>
- Gustia, H. (2013). PENGARUH PENAMBAHAN SEKAM BAKAR PADA MEDIA TANAM TERHADAP PERTUMBUHAN DAN PRODUKSI TANAMAN SAWI (*BRASSICA JUNCEA* L.). *Journal WIDYA Kesehatan Dan Lingkungan*, 12.
- Handreck, K., and Black, N. (2022). *Growing Media for Ornamental Plants and Turf 3rd Ed.* Sidney. UNSW Press Book. P 299
- Hartati, R. D., Suryaman, M., & Saepudin, A. (2021). *THE EFFECTS OF PHOSPHATE SOLUBLIZING BACTERIA ON VARIOUS SOILS pH ON THE GROWTH AND YIELD OF SOYBEANS (Glycine max L. Merr)* (Vol. 1, Issue 1).
- Hasanuzzaman, M., Borhannuddin Bhuyan, M. H. M., Anee, T. I., Parvin, K., Nahar, K., al Mahmud, J., & Fujita, M. (2019). Regulation of ascorbate-glutathione pathway in mitigating oxidative damage in plants under abiotic stress. In *Antioxidants* (Vol. 8, Issue 9). MDPI. <https://doi.org/10.3390/antiox8090384>
- Herdiyantoro, D., & Setiawan, A. (2015). Upaya Peningkatan Kualitas Tanah di Desa Sukamanah dan Desa Naggerang Kecamatan Cigalontang Kabupaten Tasikmalaya Jawa Barat Melalui Sosialisasi Pupuk Hayati, Pupuk Organik dan Olah Tanah Konservasi. *Dharmakarya: Jurnal Aplikasi Ipteks untuk Masyarakat*, 4(2), 66-71.
- Herlinawati, Dharmawibawa, I.D., & Armiani, S. (2019). Uji Efektivitas Pupuk Organik Cair Dari Urin Ternak Sapi Dan Kuda Terhadap Pertumbuhan Vegetatif Tanaman Sawi (*Brassica juncea* L.). *Jurnal Ilmiah Biologi*, 7(2), 159-167.
- Hidayanti, L., & Kartika, T. (2019). Pengaruh Nutrisi Ab Mix Terhadap Pertumbuhan Tanaman Bayam Merah (*Amaranthus tricolor* L.) Secara Hidroponik. *Jurnal Ilmiah Matematika Dan Ilmu Pengetahuan Alam*, 16(2). <https://doi.org/10.31851/sainmatika.v16i1.3214>
- Hong, L., Orikasa, Y., Sakamoto, H., & Ohwada, T. (2019). Plant tissue localization and morphological conversion of azospirillum brasilense upon initial interaction with allium cepa L. *Microorganisms*, 7(9). <https://doi.org/10.3390/microorganisms7090275>
- Hoque, M. I. U., Uddin, M. N., Fakir, M. S. A., & Rasel, M. (2018). Drought and salinity affect leaf and root anatomical structures in three maize genotypes. *Journal of the Bangladesh Agricultural University*, 16(1), 47–55. <https://doi.org/10.3329/jbau.v16i1.36480>
- Integrated Taxonomic Information System Report (ITIS). 2011. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=23059#null . Diakses tanggal 25 Maret 2021, jam 12.00
- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=407#null Diakses tanggal 7 September 2022 pukul 11.05 AM

- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=957444#null Diakses tanggal 7 September 2022 pukul 11.58 AM
- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=194157#null Diakses tanggal 7 September 2022 pukul 10.06 PM 5/11/2022
- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=189411#null Diakses tanggal 7 September 2022 pukul 12.13 PM
- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=956804#null Diakses tanggal 7 September 2022 pukul 12.31 PM
- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=74#null Diakses tanggal 7 September 2022 pukul 12.34 PM
- Integrated Taxonomic Information System Report (ITIS). 2012. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=965531#null Diakses tanggal 7 September 2022 pukul 12.39 PM
- Karajeh, M. R. (2013). Efficacy of *Saccharomyces cerevisiae* on controlling the root-knot nematode (*Meloidogyne javanica*) infection and promoting cucumber growth and yield under laboratory and field conditions. *Archives of Phytopathology and Plant Protection*, 46(20), 2492–2500. <https://doi.org/10.1080/03235408.2013.799819>
- Karjunita, N., Khumaida, N., & Ardie, S. W. (2019). Different root anatomical changes in salt-tolerant and salt-sensitive foxtail millet genotypes. *Agrivita*, 41(1), 88–96. <https://doi.org/10.17503/agrivita.v41i1.1786>
- Kartikawati, A., Trisilawati, O., & Darwati, I. (2017). *PEMANFAATAN PUPUK HAYATI (BIOFERTILIZER) PADA TANAMAN REMPAH DAN OBAT Biofertilizer Utilization on Spices and Medicinal Plants*. 16(1), 33–43. <https://doi.org/10.21082/psp.v16n1.2017>
- Kayaçetin, F. (2020). Botanical characteristics, potential uses, and cultivation possibilities of mustards in turkey: A review. In *Turkish Journal of Botany* (Vol. 44, Issue 2, pp. 101–127). Türkiye Klinikleri. <https://doi.org/10.3906/bot-1909-30>
- Khairunnisa, N. A., & Siswanti, D. U. (2021). Effect of biofertilizer and salinity stress on productivity and vitamin C levels of *Amaranthus tricolor* L. *Biogenesis: Jurnal Ilmiah Biologi*, 9(2), 146. <https://doi.org/10.24252/bio.v9i2.21629>
- Kheloufi, A., & Mansouri, L. M. (2019). Anatomical changes induced by salinity stress in root and stem of two acacia species (*A. karroo* and *a. saligna*). *Agriculture and Forestry*, 65(4), 137–150. <https://doi.org/10.17707/AgricultForest.65.4.12>
- Kumar, S., Li, G., Yang, J., Huang, X., Ji, Q., Liu, Z., Ke, W., & Hou, H. (2021). Effect of Salt Stress on Growth, Physiological Parameters, and Ionic Concentration of Water Dropwort (*Oenanthe javanica*) Cultivars. *Frontiers in Plant Science*, 12. <https://doi.org/10.3389/fpls.2021.660409>
- Kurniastuti, T., Puspitorini, P., Tyas,), & Punjungsari, N. (2017). Pengaruh Penambahan Abu sekam Padi (Rice Husk Ash) dengan Proporsi Berbeda Terhadap Pertumbuhan Selada Air (*Lactuca sativa* L.). *Journal Viabel Pertanian*, 11(2), 1–8. <http://viabel.unisbablitar.ejournal.web.id>
- Lee, J. K., Woo, S. Y., Kwak, M. J., Park, S. H., Kim, H. D., Lim, Y. J., Park, J. H., & Lee, K. A. (2020). Effects of Elevated Temperature and Ozone in *Brassica juncea*

- L.: Growth, Physiology, and ROS Accumulation. In *Forests* (Vol. 11, Issue 68). MDPI. <https://doi.org/10.3390/f11010068>
- Limanska, N., Ivanytsia, T., Basiul, O., Krylova, K., Biscola, V., Chobert, J. M., Ivanytsia, V., & Haertlé, T. (2013). Effect of *Lactobacillus plantarum* on germination and growth of tomato seedlings. *Acta Physiologiae Plantarum*, 35(5), 1587–1595. <https://doi.org/10.1007/s11738-012-1200-y>
- Locato, V., Cimini, S., & de Gara, L. (2013). Strategies to increase vitamin C in plants: From plant defense perspective to food biofortification. In *Frontiers in Plant Science* (Vol. 4, Issue MAY). Frontiers Research Foundation. <https://doi.org/10.3389/fpls.2013.00152>
- Mahjoor, F., Ghaemi, A. A., & Golabi, M. H. (2016). Interaction effects of water salinity and hydroponic growth medium on eggplant yield, water-use efficiency, and evapotranspiration. *International Soil and Water Conservation Research*, 4(2), 99–107. <https://doi.org/10.1016/j.iswcr.2016.04.001>
- Maiti, R., Satya, P., Rajkumar, D., & Ramaswamy, A. 2012. *Crop Plant Anatomy*. Oxfordshire: CABI. p 26-27; 140
- Mulasari, S. A., Dahlan, U. A., Prof, J., Sh, S., & 55164, Y. (2018). *PENERAPAN TEKNOLOGI TEPAT GUNA (PENANAM HIDROPONIK MENGGUNAKAN MEDIA TANAM) BAGI MASYARAKAT SOSROWIJAYAN YOGYAKARTA*. 2(3), 425–430.
- Munns, R., & Tester, M. (2008). Mechanisms of salinity tolerance. In *Annual Review of Plant Biology* (Vol. 59, pp. 651–681). <https://doi.org/10.1146/annurev.arplant.59.032607.092911>
- Okon, G.O. (2019). Effect of Salinity on Physiological Processes in Plants. In *Microorganisms in Saline Environments: Strategies and Functions*. Soil Biology 56. Springer: Switzerland. p 241-145. https://doi.org/10.1007/978-3-030-18975-4_10
- Paciolla, C., Fortunato, S., Dipierro, N., Paradiso, A., de Leonardis, S., Mastropasqua, L., & de Pinto, M. C. (2019). Vitamin C in plants: From functions to biofortification. In *Antioxidants* (Vol. 8, Issue 11). MDPI. <https://doi.org/10.3390/antiox8110519>
- Paciolla, C., Paradiso, A., & de Pinto, M. C. (2016). Cellular redox homeostasis as central modulator in plant stress response. In *Redox State as a Central Regulator of Plant-Cell Stress Responses* (pp. 1–23). Springer International Publishing. https://doi.org/10.1007/978-3-319-44081-1_1
- Petkova, M., Petrova, S., Spasova-Apostolova, V., & Naydenov, M. (2022). Tobacco Plant Growth-Promoting and Antifungal Activities of Three Endophytic Yeast Strains. *Plants*, 11(6). <https://doi.org/10.3390/plants11060751>
- Pohan, S. A., & Oktojournal, O. (2019). Pengaruh Konsentrasi Nutrisi A-B Mix Terhadap Pertumbuhan Caisim Secara Hidroponik (Drip system). *LUMBUNG*, 18(1), 20–32. <https://doi.org/10.32530/lambung.v18i1.179>
- Purnomo, J., Harjoko, D., Sulisty, T. D. (2016). BUDIDAYA CABAI RAWIT SISTEM HIDROPONIK SUBSTRAT DENGAN VARIASI MEDIA DAN NUTRISI. In *Caraka Tani-Journal of Sustainable Agriculture* (Vol. 31, Issue 2).
- Purwaningsih, S., Agustiyani, D., & Antonius, S. (2021). *Diversity, activity, and effectiveness of Rhizobium bacteria as plant growth promoting rhizobacteria (PGPR) isolated from Dieng, central Java* (Vol. 13, Issue 1). <http://ijm.tums.ac.ir>

- Rai, P.K., Yadav, P., Kumar, A., Sharma, A., Kumar, V., & Rai, P. (2022). *Brassica juncea*: A Crop for Food and Health. In *The Brassica juncea Genome*. Springer: Switzerland. p 2-3
- Rao, M.P.N., Dong, Z.Y., Xiao, M., & Li, W.J. (2019). Effect of Salt Stress on Plants and Role of Microbes in Promoting Plant Growth Under Salt Stress. In *Microorganisms in Saline Environments: Strategies and Functions*. Soil Biology 56. Springer: Switzerland. p 426. https://doi.org/10.1007/978-3-030-18975-4_10
- Roidah, I.S. (2014). PEMANFAATAN LAHAN DENGAN MENGGUNAKAN SISTEM HIDROPONIK. *Jurnal Universitas Tulungagung BONOROWO*, 1(2), 43-49.
- Sah, S., Krishnani, S., & Singh, R. (2021). Pseudomonas mediated nutritional and growth promotional activities for sustainable food security. In *Current Research in Microbial Sciences* (Vol. 2). Elsevier Ltd. <https://doi.org/10.1016/j.crmicr.2021.100084>
- Saputri, A.A.T., Purwanti, R. & Christiandari, H. (2022). Perbandingan Kadar Vitamin C Pada Daun Kelor (*Moringa oleifera*) yang Tumbuh di Dataran Rendah Menengah dan Dataran Tinggi. *Jurnal Permata Indonesia*. 13(1), 62-67.
- Sari, R. & Prayudyaningsih, R. (2015). *Rhizobium*: Pemanfaatannya sebagai Bakteri Penambat Nitrogen. *Info Teknis EBONI*, 12(1), 51-64.
- Schippers, R.R. & Mnzava, N.A., (2007). *Brassica juncea* (L.) Czern. [Internet] Record from PROTA4U. van der Vossen, H.A.M. & Mkamilo, G.S. (Editors). PROTA (Plant Resources of Tropical Africa / Ressources végétales de l'Afrique tropicale), Wageningen, Netherlands. Accessed 27 February 2023.
- Setiawati, T., Susilawati, A., Mutaqin, A. Z., Nurzaman, M., Annisa, Partasasmita, R., & Karyono. (2018). Morpho-anatomy and physiology of red galangal (*Alpinia purpurata*) and white galangal (*Alpinia galanga*) under some salinity stress levels. *Biodiversitas*, 19(3), 759–765. <https://doi.org/10.13057/biodiv/d190308>
- Sharma, N., Acharya, S., Kumar, K., Singh, N., & Chaurasia, O. P. (2018). Hydroponics as an advanced technique for vegetable production: An overview. *Journal of Soil and Water Conservation*, 17(4), 364. <https://doi.org/10.5958/2455-7145.2018.00056.5>
- Singh, J., Singh, V., Vineeth, T.V., Kumar, P., Kumar, N., & Sharma, P.C. (2018). Differential response of Indian Mustard (*Brassica juncea* L., Czern and Coss) under salinity: photosynthetic traits and gene expression. *Physiol Mol Biol Plants*. 1-14. https://doi.org/10.1007/s12298-018-0631_3
- Siswanti, D. U., & Umah, N. (2021). Effect of Biofertilizer and Salinity on Growth and Chlorophyll Content of Amaranthus tricolor L. *IOP Conference Series: Earth and Environmental Science*, 662(1). <https://doi.org/10.1088/1755-1315/662/1/012019>
- Siswanti, D., Utaminingsih, U., & Pangestuti, N. (2019, June 17). *Capsaicin Level and Anatomy Response of Curly Red Chili (Capsicum annum L.) to Bio Fertilizer and Sludge Biogas Application*. <https://doi.org/10.4108/eai.2-5-2019.2284700>
- Soni, N. K. and V. Soni. 2010. *Fundamentals of Botany Vol. 2*. New Delhi : Tata McGraw Hill. p. 196, 197
- Srivastava, P., Wu, Q.S., & Giri, B. (2019). Salinity: An Overview. In *Microorganisms in Saline Environments: Strategies and Functions*. Soil Biology 56. Springer: Switzerland. p 4-6. https://doi.org/10.1007/978-3-030-18975-4_10
- Sumbul, A., Ansari, R. A., Rizvi, R., & Mahmood, I. (2020). Azotobacter: A potential bio-fertilizer for soil and plant health management. In *Saudi Journal of Biological*

- Sciences* (Vol. 27, Issue 12, pp. 3634–3640). Elsevier B.V.
<https://doi.org/10.1016/j.sjbs.2020.08.004>
- Sutarto, U.A., Koesriharti, & Aini, N. (2016). Respon Tiga Jenis Sawi (*Brassica* sp.) terhadap Aplikasi Macam Mulsa. *Jurnal Produksi Tanaman*, 4(6), 447–453.
- Suwatanti, E., & Widiyaningrum, P. (2017). Sejarah Artikel: Diterima 11 Januari. *Jurnal MIPA*, 40(1), 1–6. <http://journal.unnes.ac.id/nju/index.php/JM>
- Sutikno. 2006. Mikroteknik Tumbuhan. Laboratorium Mikroteknik dan Embriologi Tumbuhan Fakultas Biologi UGM. Universitas Gadjah Mada. Yogyakarta.
- Syarif, S., & Flaning, M. (2013). ANALISIS KANDUNGAN β -KAROTEN PADA JENIS SAWI PUTIH (*Brassica pekinensis* L.) DAN JENIS SAWI HIJAU (*Brassica Juncea* L. coss) SECARA SPEKTROFOTOMETRI UV-VIS. *As-Syifaa*, 05(01).
- Taiz, L. and E. Zeiger. 2010. *Plant Physiology 5th Edition*. Masschusetts : Sinauer Associates Inc. p 367
- Utomo, M., Sudarsono, B. Rusman, T. Sabrina, J. Lumbanraja, dan Wawan. 2016. *Ilmu Tanah : Dasar – Dasar dan Pengelolaan*. Jakarta: Kencana. p. 127.
- Veles, AC.C. (2022) '*Brassica juncea* (mustard)', CABI Compendium. *CABI International*. doi:10.107/cabicompendium.91760.
- Wang, J., & Huang, R. (2019). Modulation of ethylene and ascorbic acid on reactive oxygen species scavenging in plant salt response. In *Frontiers in Plant Science* (Vol. 10). Frontiers Media S.A. <https://doi.org/10.3389/fpls.2019.00319>
- Younis, A., Riaz, A., Ikram, S., Nawaz, T., Hameed, M., Fatima, S., Batool, R., & Ahmad, F. (2013). Salinity-induced structural and functional changes in 3 cultivars of *Alternanthera bettzickiana* (Regel) G. nicholson. *Turkish Journal of Agriculture and Forestry*, 37(6), 674–687. <https://doi.org/10.3906/tar-1301-78>