

DAFTAR PUSTAKA

- Abidin, Z., Jafar, M. I., & Sudiarti, I. M. (2021). *Hilirisasi Produk Pertanian Budidaya Cabai Teknologi Tepat Guna Pengering Tenaga Surya*. Penerbit NEM.
- Agrios, G. (2005). Plant Pathology 5th Edition. In *San Diego: Academic Press*.
- Agustin, D. A., Qurrotu A'yun, E., Indi Marsya, T., & Rizkyta Kusuma, R. (2021). *Potensi Plant Growth Promoting Bacteria (PGPB) sebagai Pemacu Ketahanan Tanaman Padi terhadap Hawar Malai Padi*. *PLANTROPICA: Journal of Agricultural Science*, 6(2), 96–105.
- Agustina, F., Wahyudin, N., & Purwasih, R. (2022). Optimization of Red Chili Production in Central Bangka Regency. *Society*, 10(1), 65–74.
- Aloo, B. N., Makumba, B. A., & Mbega, E. R. (2019). The Potential of Bacilli Rhizobacteria for Sustainable Crop Production and Environmental Sustainability. *Microbiological Research*, 219, 26–39.
- Alvida, D. (2016). Karakterisasi Morfologi, Pertumbuhan, dan Kualitas Galur-Galur Cabai Hias (*Capsicum annuum* L.). In *IPB (Bogor Agricultural University)*.
- Antari, N. M., Darmayasa, I. B. G., & Hardini, J. (2022). Efektivitas *Trichoderma asperellum* TKD Dengan Mediator Pupuk Kandang Untuk Mengendalikan Penyakit Layu Fusarium Pada Tanaman Cabai Merah (*Capsicum annuum* L.). *Jurnal Simbiosis*, 19(2), 63–71.
- Asril, M., Lisafitri, Y., & Siregar, B. A. (2022). Antagonism Activity of Phosphate Solubilizing Bacteria Against *Ganoderma philippii* and *Fusarium oxysporum* of Acacia Plants. *Journal of Multidisciplinary Applied Natural Science*, 2(2), 82–89.
- Balamurugan, A., Kumar, A., Muthamilan, M., Sakthivel, K., Vibhuti, M., Ashajyothi, M., Sheoran, N., Kamalakanna, A., Shanthi, A., & Arumugam, T. (2017). Outbreak of Tomato Wilt Caused by *Ralstonia solanacearum* in Tamil Nadu, India, and Elucidation of its Genetic Relationship Using Multilocus Sequence Typing (MLST). *Plant Pathology*, 1–9.
- Balint-Kurti, P. (2019). The plant hypersensitive response: concepts, control and consequences. *Molecular Plant Pathology*, 20(8), 1163–1178.
- Beutin, L. (1991). The different hemolysins of *Escherichia coli*. *Medical Microbiology and Immunology*, 180(4), 167–182.

- Cabanás, C. G. L., Legarda, G., Ruano-Rosa, D., Pizarro-Tobías, P., Valverde-Corredor, A., Niqui, J. L., Triviño, J. C., Roca, A., & Mercado-Blanco, J. (2018). Indigenous *Pseudomonas* spp. Strains from the Olive (*Olea europaea* L.) rhizosphere as effective biocontrol agents against *Verticillium dahliae*: From the host roots to the bacterial genomes. *Frontiers in Microbiology*, 9.
- Carvalhais, L. C., Dennis, P. G., Badri, D. V., Tyson, G. W., Vivanco, J. M., & Schenk, P. M. (2013). Activation of the Jasmonic Acid Plant Defence Pathway Alters the Composition of Rhizosphere Bacterial Communities. *PLoS ONE*, 8(2), 1–5.
- Crawford, D. L., Lynch, J. M., Whipps, J. M., & Ousley, M. A. (1993). Isolation and characterization of actinomycete antagonists of a fungal root pathogen. *Applied and Environmental Microbiology*, 59(11), 3899–3905.
- Dewi, R. S., Giyanto, G., Sinaga, M. S., Dadang, D., & Nuryanto, B. (2020). Bakteri Agens Hayati Potensial terhadap Patogen Penting pada Padi. *Jurnal Fitopatologi Indonesia*, 16(1), 37–48.
- Dinata, G. F., Aini, L. Q., & Abadi, A. L. (2021). Pengaruh Pemberian *Plant Growth-Promoting Bacteria Indigenous* terhadap Pertumbuhan Tanaman Bawang Merah (*Allium ascalonicum*). 283–288.
- Djereng, D. K., Kawuri, R., & Ramona, Y. (2017). Potensi *Bacillus* sp. B3 Sebagai Agen Biokontrol Penyakit Layu Bakteri Yang Disebabkan Oleh *Ralstonia* sp. Pada Tanaman Cabai. *Journal of Biological Sciences*, 246(2), 237–246.
- Du, H., Wen, C., Zhang, X., Xu, X., Yang, J., Chen, B., & Geng, S. (2019). Identification of a major qtl (Qrrs-10.1) that confers resistance to *Ralstonia solanacearum* in pepper (*Capsicum annuum*) using slaf-bsa and qtl mapping. *International Journal of Molecular Sciences*, 20(23), 8–10.
- Fadhila, C., Lal, A., Vo, T. T. B., Ho, P. T., Hidayat, S. H., Lee, J., Kil, E. J., & Lee, S. (2020). The threat of seed-transmissible pepper yellow leaf curl Indonesia virus in chili pepper. *Microbial Pathogenesis*, 143(March), 104132.
- Fitriani, M. A., & Febrianto, D. C. (2019). Penerapan Sistem Pakar untuk Diagnosa Penyakit dan Hama Tanaman Cabai dengan Metode *Forward Chaining*. 16(2), 159–164.
- Gamalero, E., & Glick, B. R. (2020). The use of plant growth-promoting bacteria to prevent nematode damage to plants. In *Biology*, 9(11), 1–13.
- Ghanashyam, C., & Jain, M. (2009). Role of auxin-responsive genes in biotic stress responses. *Plant Signaling and Behavior*, 4(9), 846–848.
- Glick, B. R. (2012). Plant Growth-Promoting Bacteria: Mechanisms and Applications. *Scientifica*, 2012, 1–15.

- Goswami, D., Thakker, J. N., & Dhandhukia, P. C. (2016). Portraying mechanics of plant growth promoting rhizobacteria (PGPR): A review. *Cogent Food and Agriculture*, 1–9.
- Grobelak, A., Napora, A., & Kacprzak, M. (2015). Using plant growth-promoting rhizobacteria (PGPR) to improve plant growth. *Ecological Engineering*, 84, 22–28.
- Gupta, G., Parihar, S. S., Ahirwar, N. K., Snehi, S. K., & Singh, V. (2015). Plant Growth Promoting Rhizobacteria (PGPR): Current and Future Prospects for Development of Sustainable Agriculture. *Journal of Microbial & Biochemical Technology*, 07(02), 96–102.
- Habazar, T., Yanti, Y., & Nasrun. (2015). *Bakteriologi Tumbuhan*. Minangkabau Press.
- Hardiansyah, M. Y., Musa, Y., & Jaya, A. M. (2020). Identifikasi *Plant Growth Promoting Rhizobacteria* pada Rizosfer Bambu Duri dengan Gram KOH 3%. *Agrotechnology Research Journal*, 4(1), 41–46.
- Hartati, S., Dono, D., Meliansyah, R., & Yusuf, M. A. (2019). Effect of Neem Oil Formulation on the Population of Soil Fungi and Disease Intensity of Cercospora Leaf Spot (*Cercospora capsici*) on Chilli Plants (*Capsicum annuum*). *Cropsaver*, 1(2), 53.
- Hayward, A. C., & Hartman, G. L. (1994). *Bacterial wilt: the disease and its causative agent, *Pseudomonas solanacearum**. Oxford University Press; 1st edition.
- Imtiyaz, H., Barlian Henryranu, P., & Nurul, H. (2017). Sistem Pendukung Keputusan Budidaya Tanaman Cabai Berdasarkan Prediksi Curah Hujan. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 1(9), 1–6.
- Kamle, M., Borah, R., Bora, H., Jaiswal, A. K., Singh, R. K., & Kumar, P. (2020). *Systemic Acquired Resistance (SAR) and Induced Systemic Resistance (ISR): Role and Mechanism of Action Against Phytopathogens*.
- Katsenios, N., Andreou, V., Sparangis, P., Djordjevic, N., Giannoglou, M., Chanioti, S., Kasimatis, C. N., Kakabouki, I., Leonidakis, D., Danalatos, N., Katsaros, G., & Efthimiadou, A. (2022). Assessment of plant growth promoting bacteria strains on growth, yield and quality of sweet corn. *Scientific Reports*, 12(1), 1–13.
- Khabbaz, S. E., Ladhalakshmi, D., Babu, M., Kandan, A., Ramamoorthy, V., Saravanakumar, D., Al-Mughrabi, T., & Kandasamy, S. (2019). Plant Growth Promoting Bacteria (PGPB) - A Versatile Tool for Plant Health Management. *Canadian Journal of Pesticides & Pest Management*, 1(1), 1–25.
- Klement, Z., K, R., & D. C., S. (1990). *Methods in Phytopathology*. Akademia Kiado.

- Kloepper, J. W., Ryu, C. M., & Zhang, S. (2004). Induced systemic resistance and promotion of plant growth by *Bacillus* spp. *Phytopathology*, 94(11), 1259–1266.
- Kurnia, K., Sadi, N. H., & Jumianto, S. (2015). Isolation and Characterization of Pb Resistant Bacteria from Cilalay Lake , Indonesia. *Aceh International Journal of Science and Technology*, 4(3), 83–87.
- Manan, A., Mugiaستuti, E., & Soesanto, L. (2018). Kemampuan Campuran *Bacillus* sp ., *Pseudomonas fluorescens* , dan *Trichoderma* sp . untuk Mengendalikan Penyakit Layu Bakteri pada Tanaman Tomat. *Jurnal Fitopatologi Indonesia*, 14, 63–68.
- Marsaoli, F., Matinahoru, J. M., & Leiwakabessy, C. (2020). Isolasi, Seleksi, dan Uji Antagonis Bakteri Endofit diisolasi dari Salawaku (*Falcataria mollucana*) dalam Menekan Pertumbuhan Cendawan Patogen *Cercospora* spp. *Agrologia*, 8(2), 44–54.
- Moekasan, T. K., & L. Prabaningrum. (2011). *Budidaya Cabai Merah di Bawah Naungan untuk Menekan Serangan Hama dan Penyakit* (p. 38). Penerbit Yayasan Bina Tani Sejahtera.
- Munandar, M., Romano, & Mustafa, U. (2017). Faktor – Faktor yang Mempengaruhi Permintaan Cabai Merah di Kabupaten Aceh Besar. *Ilmiah Mahasiswa Pertanian Unsyiah*, 2(3), 80–91.
- Munif, A., Wiyono, S., & Suwarno, S. (2012). Isolasi Bakteri Endofit Asal Padi Gogo dan Potensinya sebagai Agens Biokontrol dan Pemacu Pertumbuhan. *Jurnal Fitopatologi Indonesia*, 8(3), 57–64.
- Olanrewaju, O. S., Glick, B. R., & Babalola, O. O. (2017). Mechanisms of action of plant growth promoting bacteria. *World Journal of Microbiology and Biotechnology*, 33(11), 33–197.
- Palupi, H., Yulianah, I., & Respatijati. (2015). Terhadap Penyakit Antraknosa (*Colletotrichum* Spp) Dan Layu Bakteri (*Ralstonia Solanacearum*) Resistance Test Line Of 14 Chili (*Capsicum Annum L.*) To Disease Antrhacnose (*Colletotrichum* Spp) And Bacteria Wilt (*Ralstonia solanecearum*). *Produksi Tanaman*, 3(8), 640–648.
- Piay, S. S., Tyasdjaja, A., Ermawati, Y., & Hantoro, F. R. P. (2010). Budidaya dan Pascapanen Cabai Merah. In *Badan Penelitian dan Pengembangan Pertanian Balai Pengkajian Teknologi Pertanian Jawa Tengah* (Issue 01).
- Pramudyani, L., Sabran, M., & Noor, A. (2019). Agronomic Performance and Nutrition Content of Hiyung as Local Variety of Cayenne Pepper (*Capsicum frutescens*) at Dry Land and Swamp Land of South Kalimantan Province. *Buletin Plasma Nutfah*, 25(1), 43–52.
- Pratama, D., Swastika, S., & T Hidayat, K. B. (2017). Teknologi Budidaya Cabai Merah. *Universitas Riau. Riau*, 4–51.

- Purba, Y. Z. W., Firmansyah, A., Riadi, A., & Sutami, S. (2024). Pengenalan Budi Daya Cabai Merah Di Desa Payabakal Kecamatan Gelumbang Kabupaten Muara Enim. *Jurnal Pengabdian Pasca Unisti (JURDIANPASTI)*, 2(1), 47–56.
- Putri, R. A. P. S., & Adiredjo, A. L. (2019). Efektivitas Persilangan Tanaman Cabai (*Capsicum annuum* L.) Rentan dan Tahan Penyakit Busuk Batang Phytophthora (*Phytophthora capsici* Leon.). *Jurnal Produksi Tanaman*, 7(2), 321–329.
- Radji, M. (2005). *Peranan Bioteknologi Dan Mikroba Endofit Dalam Pengembangan*. 2(3), 113–126.
- Raihanah, R., Fitriyanti, D., & Liestiany, E. (2023). Pengujian Beberapa Varietas Cabai Besar (*Capsicum annuum* L.) Terhadap Lama Periode Inkubasi dan Tingkat Ketahanannya Terhadap Layu Bakteri *Ralstonia solanacearum*. *Jurnal Proteksi Tanaman Tropika*, 6(3), 747–755.
- Reed, M. L. E., & Glick, B. R. (2013). Applications of plant growth-promoting bacteria for plant and soil systems. In *Applications of Microbial Engineering*.
- Romera, F. J., García, M. J., Lucena, C., Martínez-Medina, A., Aparicio, M. A., Ramos, J., Alcántara, E., Angulo, M., & Pérez-Vicente, R. (2019). Induced systemic resistance (ISR) and fe deficiency responses in dicot plants. *Frontiers in Plant Science*, 10(March), 1–17.
- Ryu, C. M., Murphy, J. F., Mysore, K. S., & Kloepper, J. W. (2004). Plant growth-promoting rhizobacteria systemically protect *Arabidopsis thaliana* against Cucumber mosaic virus by a salicylic acid and NPR1-independent and jasmonic acid-dependent signaling pathway. *Plant Journal*, 39(3), 381–392.
- Safni, I., Cleenwerck, I., De Vos, P., Fegan, M., Sly, L., & Kappler, U. (2014). Polyphasic taxonomic revision of the *Ralstonia solanacearum* species complex: Proposal to emend the descriptions of *Ralstonia solanacearum* and *Ralstonia syzygii* and reclassify current *R. syzygii* strains as *Ralstonia syzygii* subsp. *syzygii* subsp. nov., R. s. *International Journal of Systematic and Evolutionary Microbiology*, 64, 3087–3103.
- Safni, I., Subandiyah, S., & Fegan, M. (2018). Ecology, epidemiology and disease management of *Ralstonia syzygii* in Indonesia. In *Frontiers in Microbiology* (Vol. 9).
- Santoyo, G., Moreno-Hagelsieb, G., del Carmen Orozco-Mosqueda, M., & Glick, B. R. (2016). Plant growth-promoting bacterial endophytes. *Microbiological Research*, 183(September 2018), 92–99.
- Saravanakumar, D., Thomas, A., & Banwarie, N. (2019). Antagonistic potential of lipopeptide producing *Bacillus amyloliquefaciens* against major vegetable pathogens. *European Journal of Plant Pathology*, 154, 319–335.

- Schaad, N. ., Jones, J. ., & Chun, W. (2001). *Laboratory Guide for Identification of Plant Pathogenic Bacteria* (Third Edit).
- Shailendra Singh, G. G. (2015). Plant Growth Promoting Rhizobacteria (PGPR): Current and Future Prospects for Development of Sustainable Agriculture. *Journal of Microbial & Biochemical Technology*, 07(02), 096–102.
- Soewito Brotoadji. (2012). Untung Besar Bertanam Cabai di Lahan & Pot. In *book*.
- Spaepen, S., & Vanderleyden, J. (2011). Auxin and plant-microbe interactions. *Cold Spring Harbor Perspectives in Biology*, 9
- Suwastini, M., Efri, E., Ivayani, I., & Suharjo, R. (2020). Evaluasi Efektivitas Fraksi Ekstrak Jarak Tintir Dan Tembelekanuntuk Mengendalikan Penyakit Antraknosa Pada Cabai Merah. *Jurnal Agrotek Tropika*, 8(1), 19.
- Swastika, S., Pratama, D., Hidayat, T., & Andri, K. B. (2017). *Buku Petunjuk Teknis Teknologi Budidaya Cabai Merah* (Rustum & O. Ekalinda (eds.). Badan Penerbit Universitas Riau UR PRESS.
- Tahir, M. M. (2023). *Penanganan Pasca Panen dan Produk Olahan Sayur*. Nas Media Pustaka.
- Velivelli, S., Danforth, D., Science, P., Sessitsch, A., & Doyle, B. M. (2014). *The Role of Microbial Inoculants in Integrated Crop Management Systems*. 57, 291–309.
- Walters, D. R., Ratsep, J., & Havis, N. D. (2013). Controlling crop diseases using induced resistance: Challenges for the future. *Journal of Experimental Botany*, 64(5), 1263–1280.
- Yabuuchi, E., Kosako, Y., Oyaizu, H., Yano, I., Hotta, H., Hashimoto, Y., & et al. (1992). Proposal of *Burkholderia* gen. nov. and transfer of seven species of the genus *Pseudomonas* homology group II to the new genus, with the type species *Burkholderia cepacia*. *Microbiology and Immunology*, 36(12), 1251–1275.
- Yabuuchi, E., Yano, I., Hotta, H., Nishiuchi, Y., & Kosako, Y. (1995). Transfer of Two *Burkholderia* and an *Alcaligenes* Species to *Ralstonia* Gen. Nov.: Proposal of *Ralstonia pickettii* (Ralston, Palleroni and Doudoroff 1973) Comb. Nov., *Ralstonia solanacearum* (Smith 1896) Comb. Nov. and *Ralstonia eutropha* (Davis 1969) Comb. No. *Microbiology and Immunology*, 39(11), 897-904.
- Yanti, Y., Astuti, F. ., Habazar, T., & Nasution, C. . (2017). Screening of Rhizobacteria from Rhizosphere of Healthy Chili to Control Bacterial Wilt Disease and to Promote Growth and Yield of Chili. *Jurnal Biodiversitas*, 1(18), 1–9.

- Yanti, Y., Habazar, T., Resti, Z., & Suhalita, D. (2013). Penapisan Isolat Rizobakteri Dari Perakaran Tanaman Kedelai yang Sehat Untuk Pengendalian Penyakit Pustul Bakteri (*Xanthomonas axonopodis* pv. *glycines*). *Jurnal Hama Dan Penyakit Tumbuhan Tropika*, 13(1), 24–34.
- Yanti, Y., Hamid, H., & Nurbailis. (2021). Potensi Asam Salisilat Bacillus sp. Untuk Menekan Perkembangan Penyakit Hawar Daun Bakteri Tanaman Bawang Merah. 4(1), 513–523.
- Yanti, Y., Hamid, H., & Tanjung, M. P. (2022). *Potensi Plant Growth Promoting Bacteria (PGPB) untuk Meningkatkan Ketahanan Bawang Merah Terhadap Xanthomonas axonopodis pv . alii*. 1(2), 204–210.
- Yanti, Y., & Trizelia. (2022). *Hama dan Penyakit Utama Cabai*. Pena Persada.
- Yanti, Y., Warnita, Reflin, & Busniah, M.(2018), Indigenous endophyte bacteria ability to control Ralstonia and Fusarium wilt disease on chili pepper. *Biodiversitas*, 19(4), 1532–1538.
- Yanti, Y., Warnita, Reflin, & Hamid, H. (2018). Short Communication : Development of selected PGPR consortium to control *Ralstonia syzygii* subsp *. indonesiensis* and promote the growth of tomato. 19(6), 2073–2078.
- Yanti, Y., Warnita, W., Reflin, R., & Busniah, M. (2017). Identification and Characterizations of Potential Indigenous Endophytic Bacteria which Had Ability to Promote Growth Rate of Tomato and Biocontrol Agents of *Ralstonia solanacearum* and *Fusarium oxysporum* fsp. *solani*. *Microbiology Indonesia*, 11(4), 117–122.
- Yuan, M., Huang, Y., Huang, Y., Ge, W., Jia, Z., Song, S., & Zhang, L. (2019). Involvement of jasmonic acid, ethylene and salicylic acid signaling pathways behind the systemic resistance induced by *Trichoderma longibrachiatum* H9 in cucumber. *BMC Genomics*, 20(1), 1–13.
- Yuniawati, R., & Akhdiya, A. (2021). Karakterisasi Isolat Bakteri Endofit Nilam (*Pogostemon cablin* B.) sebagai Kandidat Biostimulan Pertumbuhan Tanaman. *Buletin Plasma Nutfah*, 27(1), 21–28.
- Zhang, W., Zhao, F., Jiang, L., Chen, C., Wu, L., & Liu, Z. (2018). Different pathogen defense strategies in arabidopsis: More than pathogen recognition. *Cells*, 7(12), 1–24.