

DAFTAR PUSTAKA

- Afzal, I., Shinwari, Z. K., Sikandar, S., & Shahzad, S. (2019). Plant Beneficial Endophytic Bacteria: Mechanisms, Diversity, Host Range and Genetic Determinants. *Microbiological Research*, 221, 36-49.
- Akber, M. A., Mubeen, M., Sohail, M. A., Khan, S. W., Solanki, M. K., Khalid, R., & Zhou, L. (2023). Global Distribution, Traditional and Modern Detection, Diagnostic, and Management Approaches of *Rhizoctonia solani* Associated With Legume Crops. *Frontiers in Microbiology*, 13, 1091288.
- Ali, M., Ali, Q., Sohail, M. A., Ashraf, M. F., Saleem, M. H., Hussain, S., & Zhou, L. (2021). Diversity and Taxonomic Distribution of Endophytic Bacterial Community in the Rice Plant and its Prospective. *International journal of molecular sciences*, 22(18), 10165.
- Andesmora, E. V., Anhar, A., & Advinda, L. (2019). Kandungan Protein Padi Sawah Lokal di Lokasi Penanaman yang Berbeda di Sumatera Barat. *Jurnal Ilmu Pertanian Tirtayasa*, 2(2).
- Andriyani, Y., & Wiyono, S. (2021). Pola Teknik Budi Daya dan Sifat Kimia Tanah yang Berhubungan dengan Penyakit Blas pada Padi Sawah. *Jurnal Fitopatologi Indonesia*, 17(2), 76-82.
- Asmoro, P. P. (2019). Bakteri Endofit dari Tumbuhan Paku-Paku sebagai Agens Hayati *Rhizoctonia solani* dan Pemacu Pertumbuhan Tanaman Padi. *Jurnal Fitopatologi Indonesia*, 15(6), 239-247.
- Badan Litbang Pertanian. 2006. Peraturan Menteri Pertanian tentang Pemupukan N,P, K Padi Sawah. <http://new.litbang.pertanian.go.id/>. Diakses pada 14 Oktober 2023.
- Badan Pusat Statistik. 2022. Jumlah Produksi Padi 2021-2023. <https://www.bps.go.id/> (diakses 12 mei 2024).
- Basit, A. (2020). Implementasi Algoritma *Naive Bayes* Untuk Memprediksi Hasil Panen Padi. *JTIK (Jurnal Teknik Informatika Kaputama)*, 4(2), 208-213.
- BKPP Pertanian Aceh. 2009. *Budidaya Tanaman Padi*. Petunjuk Teknis Lapangan. 20 hal.
- Bomfim, C. S. G., da Silva, V. B., Cursino, L. H. S., Mattos, W. D. S., Santos, J. C. S., de Souza, L. S. B., & Fernandes-Júnior, P. I. (2020). Endophytic Bacteria Naturally Inhabiting Commercial Maize Seeds Occupy Different Niches and are Efficient Plant Growth-Promoting Agents. *Symbiosis*, 81, 255-269.

- Cappuccino JG & N. Sherman. (2014). Microbiology A Laboratory Manual (Tenth Edition). San Francisco: Pearson Education, Inc, Publishing as Benjamin Cummings. 1-567.
- Chen, L., Wu, Y. D., Chong, X. Y., Xin, Q. H., Wang, D. X., & Bian, K. (2020). Seed-Borne Endophytic *Bacillus velezensis* LHSB1 Mediate the Biocontrol of Peanut Stem Rot Caused by *Sclerotium rolfsii*. *Journal of Applied Microbiology*, 128(3), 803-813.
- Choudhary, P., Rai, P., Yadav, J., Verma, S., Chakdar, H., Goswami, S. K., & Saxena, A. K. (2020). A Rapid Colorimetric LAMP Assay for Detection of *Rhizoctonia Solani* AG-1 IA Causing Sheath Blight of Rice. *Scientific Reports*, 10(1), 22022.
- Dewi, O. R. (2020). The Effect of Chitosan in Suppressing the Development of the Sheath Blight Disease (*Rhizoctonia solani* Khun) on Rice (*Oryza sativa* L.). *CROPSAVER-Journal of Plant Protection*, 3(1), 8-16.
- Djaenuddin, N., & Muis, A. (2017). Efektivitas Biopestisida *Bacillus Subtilis* Bnt 8 dan Pestisida Nabati untuk Pengendalian Penyakit Hawar Pelepah dan Upih Daun Jagung. *Jurnal Hama dan Penyakit Tumbuhan Tropika*, 17(1), 53-61.
- Dowarah, B., Agarwal, H., Krishnatreya, D. B., Sharma, P. L., Kalita, N., & Agarwala, N. (2021). Evaluation of Seed Associated Endophytic Bacteria From Tolerant Chilli cv. Firingi Jolokia for Their Biocontrol Potential Against Bacterial Wilt Disease. *Microbiological Research*, 248, 126751.
- Elviiasari J, Rusli R, dan Ramadhan AM, 2016. Isolasi Jamur Endofit Daun Beluntas (*Pluchea indica* (L.) Less). *Jurnal Sains dan Kesehatan*; 1(3): 126-130.
- Etesami, H., & Glick, B. R. (2024). Bacterial indole-3-acetic acid: A key regulator for plant growth, plant-microbe interactions, and agricultural adaptive resilience. *Microbiological Research*, 127602.
- Fajarfika, R. (2021). Potensi *Trichoderma spp.* dalam Pengendalian Penyakit Hawar Pelepah Padi (*Rhizoctonia solani*) secara *In Vivo*. *Jurnal Agrotek Tropika*, 9(1), 1-8.
- Fauzan, A. H. N. (2023). Introduksi Konsorsium Bakteri Endofit Untuk Pengendalian Penyakit Hawar Pelepah oleh *Rhizoctonia solani* Kuhn pada Tanaman Padi *Oryza sativa* L (Doctoral dissertation, Universitas Andalas).
- Feng, S., Shu, C., Wang, C., Jiang, S., & Zhou, E. (2017). Survival of *Rhizoctonia solani* AG-1 IA, the Causal Agent of Rice Sheath Blight, under Different Environmental Conditions. *Journal of Phytopathology*, 165(1), 44-52.
- Fiddin, A., Sutrawati, M., Bustamam, H., Ganefianti, D. W., & Sipriyadi, S. (2021). Penyakit Tungro Pada Tanaman Padi (*Oryza sativa*) di Kecamatan Taba

- Penanjung: Insidensi Penyakit dan Deteksi Virus Secara Molekuler. *Jurnal Ilmu-Ilmu Pertanian Indonesia*, 23(1), 37-45.
- Fitriyah, D., Ubaidillah, M., & Oktaviani, F. (2020). Analisis Kandungan Gizi Beras dari Beberapa Galur Padi Transgenik Pac Nagdong/Ir36. *ARTERI: Jurnal Ilmu Kesehatan*, 1(2), 154-160.
- Frank, A. C., Saldierna Guzmán, J. P., & Shay, J. E. (2017). Transmission of bacterial endophytes. *Microorganisms*, 5(4), 70.
- Galambos, N., Compant, S., Wackers, F., Sessitsch, A., Anfora, G., Mazzoni, V., & Perazzolli, M. (2021). Beneficial Insects Deliver Plant Growth-Promoting Bacterial Endophytes Between Tomato Plants. *Microorganisms*, 9(6), 1294.
- Gond, S. K., Bergen, M. S., Torres, M. S., & White Jr, J. F. (2015). Endophytic *Bacillus* spp. Produce Antifungal Lipopeptides and Induce Host Defence Gene Expression In Maize. *Microbiological research*, 172, 79-87.
- Gunawan, S., Budi, I. S., & Mariana, M. (2023). Aplikasi Pestisida Nabati dan Trichokompos terhadap Penyakit Bercak Daun (*Cercospora oryzae*) pada Padi Beras Merah di Lahan Basah. *Jurnal Proteksi Tanaman Tropika*, 6(2), 621-629.
- Habazar, T., Resti, Z., Yanti, Y., Trisno, J., & Diana, A. (2012). Penapisan bakteri endofit akar kedelai secara *in planta* untuk mengendalikan penyakit pustul bakteri. *Jurnal Fitopatologi Indonesia*, 8(4), 103-103.
- Hamdani, S., Asstiyani, N., Astriany, D., Singgih, M., & Ibrahim, S. (2019). Isolation and identification of proteolytic bacteria from pig sludge and protease activity determination. In *IOP Conference Series: Earth and Environmental Science* (Vol. 230, No. 1, p. 012095). IOP Publishing.
- Hamzah, P., Subandiyah, S., Wibowo, A., & Farhanah, A. (2021). Variabilitas Morfologi *Rhizoctonia Solani* Penyebab Penyakit Hawar Pelepas Padi di Sulawesi Selatan. *Jurnal Agrisistem*, 17(1), 40-45.
- Hendrival, Latifah, & Nafsiah. (2019). Dampak Nitrogen terhadap Penyakit Blas Daun dan Komponen Hasil Padi. *Jurnal Agrista* 23(1), 15-24.
- Herawati, 2012. *Budidaya Padi*, Javalitera. Yogyakarta.
- Hingole, S. S., & Pathak, A. P. (2016). Saline soil microbiome: A rich source of halotolerant PGPR. *Journal of crop Science and biotechnology*, 19, 231-239.

- Inagaki, K. (2001). Outbreaks of Rice *Sclerotium* Diseases in Paddy Fields and Physiological and Ecological Characteristics of These Causal Fungi. *Scientific Reports of the Faculty of Agriculture-Meijo University (Japan)*, 37, 57-66
- IRRI International Rice Research Institute. (2014). Standard Evaluation System. Los Banos (PH): IRRI.
- IRRI. 1996. Bacterial Leaf Blight. (Online). http://n www.knowledgebank.irri.org/riceDoctor_MX/Fact_Sheets/DiseasesBacterial_Leaf_Blight.htm
- Itschnaini, Supiyani, S., & Gutomo, H. S. (2019). Biological Characterization of Isolates of the *Rhizoctonia solani* Fungus in Rice (*Oryza sativa*) from Karanganyar District, Indonesia. *Asian Journal of Tropical Biotechnology*, 16(2).
- Karim, H. A., & Aliyah, M. (2019). Evaluasi Penentuan Waktu Tanam Padi (*Oriza sativa* L.) Berdasarkan Analisa Curah Hujan dan Ketersediaan Air pada Wilayah Bedungan Sekka-Sekka Kabupaten Polewali Mandar. *AGROVITAL: Jurnal Ilmu Pertanian*, 3(2), 41-46.
- Khaeruni, A., A. Rahim, S. Syair, A. Adriani. 2014. Induksi Ketahanan terhadap Penyakit Hawar Daun Bakteri pada Tanaman Padi di Lapangan Menggunakan Rizobakteri Indigenos. *Jurnal HPT Tropika* 14 (1): 57-63.
- Kholida F.T, Ulaika E. (2016). Potensi Azotobacter sebagai Penghasil Hormon IAA (Indole Acetic Acid). *Jurnal Sains dan Seni ITS*, 4(2): E75-E77
- Klement, Z., Rudolph, K., and Sand, D. C. (1990). Methods in Phytopathology. Hungary: Akademia Kiado.
- Kouzai, Y., Kimura, M., Watanabe, M., Kusunoki, K., Osaka, D., Suzuki, T., & Noutoshi, Y. (2018). Salicylic Acid-Dependent Immunity Contributes to Resistance Against *Rhizoctonia solani*, A Necrotrophic Fungal Agent Of Sheath Blight, in Rice and *Brachypodium Distachyon*. *New phytologist*, 217(2), 771-783.
- Krishnamoorthy, A., Agarwal, T., Kotamreddy, J. N. R., Bhattacharya, R., Mitra, A., Maiti, T. K., & Maiti, M. K. (2020). Impact of Seed-Transmitted Endophytic Bacteria On Intra-and Inter-Cultivar Plant Growth Promotion Modulated by Certain Sets of Metabolites in Rice Crop. *Microbiological research*, 241, 126582.
- Kumar, K., Verma, A., Pal, G., Anubha, White, J. F., & Verma, S. K. (2021). Seed Endophytic Bacteria of Pearl Millet (*Pennisetum glaucum* L.) Promote Seedling Development and Defend Against A Fungal Phytopathogen. *Frontiers in Microbiology*, 12, 774293.

- Kumar, M. A. N. O. J., Singh, V., Singh, N., & Vikram, P. (2008). Morphological and Virulence Characterization of *Rhizoctonia solani* Causing Sheath Blight of Rice. *Environ Ecol*, 26(3), 1158-1166.
- Kumar, V., Jain, L., Jain, S.K., Chaturvedi, S. and Kaushal, P., (2020). Bacterial Endophytes of Rice (*Oryza sativa L.*) and Their Potential for Plant Growth Promotion and Antagonistic Activities. *South African Journal of Botany*, 134: 50-63.
- Larosa. SF., E., Kusdiyantini., B., Raharjo., A. Sarjiya. (2013). Kemampuan isolat bakteri penghasil Indole Acetic Acid (IAA) dari tanah gambut sampit Kalimantan Tengah. *Jurnal Biologi*, 2 (3): 41-54.
- Lengkong, S. C., Siahaan, P., & Tangapo, A. M. (2022). Analisis Karakteristik dan Uji Bioaktivitas Bakteri Rizosfer PGPR (Plant Growth Promoting Rhizobacteria) Isolat Kalasey. *Jurnal Bios Logos*, 12(2), 104-113.
- Luo, X., Keenan, T. F., Chen, J. M., Croft, H., Colin Prentice, I., Smith, N. G., & Zhang, Y. (2021). Global variation in the fraction of leaf nitrogen allocated to photosynthesis. *Nature Communications*, 12(1), 4866.
- Mardhiana, A.P. Pradana, M. Adiwena, D. Santoso, & R. Wijaya. (2017). Use of Endophytic Bacteria from Roots of *Cyperus rotundus* for Biocontrol of *Meloidogyne Incognita*. *Biodiversitas* 18(4): 1308-1315.
- Meirani, I. Parwanayoni, N. M. S., & Suriani, N. L. (2023). Daya Hambat Ekstrak Daun Cengkeh (*Syzygium aromaticum* L.) Terhadap Pertumbuhan Jamur Rhizoctonia Solani Kuhn. Penyebab Penyakit Hawar Pelepas pada Tanaman Padi (*Oryza sativa* L.). ISSN, 45-54.
- Milati L.N, Nuryanto B. (2019). Periode Kritis Pertumbuhan Tanaman Padi Terhadap Infeksi Penyakit Hawar Pelepas dan Pengaruhnya Terhadap Hasil Gabah. *Penelitian Pertanian Tanaman Pangan*. 3(2):61–66.
- Milati, L. N., Nuryanto, B., & Sumarlin, U. (2021). Hubungan Insidensi Penyakit Hawar Pelepas dengan Keparahan Penyakit dan Hasil Produksi Padi. *Jurnal Fitopatologi Indonesia*, 17(3), 113-120
- Munif, A., & Wiyono, S. (2012). Isolasi Bakteri Endofit Asal Padi Gogo dan Potensinya Sebagai Agens Biokontrol dan Pemacu Pertumbuhan. *Jurnal Fitopatologi Indonesia*, 8(3), 57-57.
- Muyasir. 2012. Efek Jarak Tanam, Umur, dan Jumlah Bibit terhadap Hasil Padi Sawah (*Oryza sativa* L.). *Jurnal Manajemen Sumberdaya Lahan* 1:207-212.
- Nurkatika, R., S. Ilyas, M. Machmud. (2017). Aplikasi Agens Hayati untuk Mengendalikan Hawar Daun Bakteri pada Produksi Benih Padi. *J. Agron. Indonesia* 45(3): 235-242.

- Nuryanto B, Priyatmojo A, Hadisutrisno B, Sunarminto BH. 2010. Hubungan Antara Inokulum Awal Patogen dengan Perkembangan Penyakit Hawar Upih pada Padi Varietas Ciherang. *JPTI*. 16(2):55–61.
- Nuryanto, B. (2017). Penyakit Hawar Pelelah (*Rhizoctonia Solani*) Pada Padi dan Taktik Pengelolaannya [*Sheath Blight Disease (*Rhizoctonia Solani*) on Rice and Management Techniques*]. *Jurnal Perlindungan Tanaman Indonesia*, 21(2), 63-71.
- Nuryanto, B. (2018). Pengendalian Penyakit Tanaman Padi Berwawasan Lingkungan Melalui Pengelolaan Komponen Epidemik. *Jurnal Penelitian dan Pengembangan Pertanian*, 37(1), 1-12.
- Ou, S. H. (1985). *Rice diseases*. Los Banos Laguna. IRRI.
- Pahari, A., Pradhan, A., Nayak, S.K., Mishra, & B.B. (2017). Bacterial siderophore as a plant growth promoter. *Microbial Biotechnology*. 7: 163-180.
- Pal, G., Kumar, K., Verma, A., White, J. F., & Verma, S. K. (2019). Functional Roles of Seed-Inhabiting Endophytes of Rice. *Seed Endophytes: Biology and Biotechnology*, 213-236.
- Pasaribu, S. Y. (2019). Pembuatan Media Pertumbuhan Bakteri dengan Menggunakan Umbi Ubi Jalar Oranye (*Ipomoea Batatas* (L.) Lam) Terhadap Bakteri *Streptococcus mutans*, *Streptococcus sanguinis* dan *Staphylococcus aureus* (Doctoral dissertation, Universitas Sumatera Utara).
- Pattern CL & Glick BR. (2002). Role of *Pseudomonas Putida* Indoleacetic Acid in Development of The Host Plant Rootsystem. *Appl. Environ. Microbiol.* 68: 3795–3801.
- Pinski, A., Betekhtin, A., Hupert-Kocurek, K., Mur, L. A., & Hasterok, R. (2019). Defining the Genetic Basis of Plant–Endophytic Bacteria Interactions. *International Journal of Molecular Sciences*, 20(8), 1947.
- Prasetya, I. A. W., Rayahu, Y. S., & Trimulyono, G. (2018). Isolasi dan Karakterisasi Bakteri Kitinolitik Endofit Bawang Merah (*Allium ascalonicum*) Serta Potensinya dalam Menghambat Pertumbuhan *Fusarium oxysporum*. *Jurnal LenteraBio*, 7(1), 1.
- Pratama, T., & Sarmila, S. (2022). Potensi *Bacillus subtilis* dalam Mengendalikan Penyakit Busuk Bulir Bakteri (*Bulkholderia glumae*) Tanaman Padi (*Oryza Sativa L.*). *Tarjih Agriculture System Journal*, 2(1), 95-100.

- Purkayastha, G., Mangar, P., Saha, A., & Saha, D. (2018). Evaluation of the biocontrol efficacy of a *Serratia marcescens* strain indigenous to tea rhizosphere for the management of root rot disease in tea. *PLoS one*, 13(2), e0191761.
- Purnawati, A., Harjani, W., and Nirwanto, H. (2019). Selection and Formulation of Endophytic Bacteria as Plant Resistance Elicitor against Wilt Disease of Tomato. *Agrotechnology Research Journal*, 3(2), 103–106
- Purwadi, P., & Nasyuha, A. H. (2022). Implementasi Teorema Bayes Untuk Diagnosa Penyakit Hawar Daun Bakteri (Kresek) Dan Penyakit Blas Tanaman Padi. *JURIKOM (Jurnal Riset Komputer)*, 9(4), 777-783.
- Rahma, H., Nurbailis, N. Kristia. (2019). Characterization and Potential of Plant Growth-Promoting Rhizobacteria on Rice Seedling Growth and the Effect on *Xanthomonas oryzae* pv. *oryzae*. *Jurnal Biodiversitas*. 20(12): 3654-3661.
- Rahma, H., Zainal, A., Sinaga, M.S., Memen, S., & Giyanto. (2014). Potensi Bakteri Endofit dalam Menekan Penyakit Layu Stewart (*Pantoea stewartii* Subsp. *Stewartii*) pada Tanaman. *J. HPT Tropika*, 14(2): 121-137.
- Rahmawati, R., & Jailanis, A. (2022). Diagnosa Penyakit Akibat Jamur pada Tanaman Padi (*Oryza sativa*) di Sawah Penduduk Kecamatan Sungai Kakap, Kabupaten Kubu Raya, Kalimantan Barat. *saintifika*, 18(2), 7-7.
- Rais, A., Jabeen, Z., Shair, F., Hafeez, F.Y. & Hassan, M.N., (2017). *Bacillus* spp., A Bio-Control Agent Enhances The Activity Of Antioxidant Defense Enzymes In Rice Against *Pyricularia oryzae*. *PLoS One*, 12(11), p.e0187412.
- Rao NSS. (1994). Mikroorganisme Tanah dan Pertumbuhan Tanaman. Edisi ke dua. Terjemahan Herawati Susilo. UI Press. Jakarta
- Razali, M.N., Hisham, S. N., Kumar, I. S., Shukla, R. N., Lee, M., Abu Bakar, M. F., & Nadarajah, K. (2021). Comparative Genomics: Insights on the Pathogenicity and Lifestyle of *Rhizoctonia solani*. *International journal of molecular sciences*, 22(4), 2183.
- Rodríguez, C. E., Antonielli, L., Mitter, B., Trognitz, F., & Sessitsch, A. (2020). Heritability and Functional Importance of the *Setaria Viridis* Bacterial Seed Microbiome. *Phytobiomes Journal*, 4(1), 40-52.
- Roza, C., Suprihanto, S., Kusdiaman, D., Widiarta, I. N., Nuryanto, B., & Rumasa, O. (2021). Ketahanan Varietas dan Akses Padi terhadap Virus Kerdil. *Jurnal Fitopatologi Indonesia*, 17(3), 92-102

- Rozen, N., & Kasim, M. (2018). Teknik Budidaya Tanaman Padi Metode SRI (The System of Rice Intensification). In *Rajawali Press*, Depok.
- Safdarpoor, F. & Khodakaramian, G., (2019). Assessment Of Antagonistic And Plant Growth Promoting Activities Of Tomato Endophytic Bacteria In Challenging With *Verticillium Dahliae* Under In-Vitro And In-Vivo Conditions. *Biological Journal of Microorganism*, 7(28): 77-90.
- Santos, M. L. D., Berlitz, D. L., Wiest, S. L. F., Schünemann, R., Knaak, N., & Fiúza, L. M. (2018). Benefits Associated With the Interaction of Endophytic Bacteria and Plants. *Brazilian archives of biology and technology*, 61.
- Sapalina, F., Ginting, E. N., & Hidayat, F. (2022). Bakteri penambat nitrogen sebagai agen biofertilizer. *War. Pus. Penelit. Kelapa Sawit*, 27(1), 41-50.
- Saridewi, L. P., Prihatininggih, N., & Djatmiko, H. A. (2020). Karakterisasi Biokimia Bakteri Endofit Akar Terung Sebagai Pemacu Pertumbuhan Tanaman dan Pengendali Penyakit Layu Bakteri in *Planta*. *Jurnal Proteksi Tanaman Tropis*, 1(1), 1-8.
- Sasirekha, B., & Srividya, S. (2016). Siderophore production by *Pseudomonas aeruginosa* FP6, a biocontrol strain for *Rhizoctonia solani* and *Colletotrichum gloeosporioides* causing diseases in chilli. *Agriculture and Natural Resources*, 50(4), 250-256.
- Shahzad, R., Waqas, M., Khan, A. L., Al-Hosni, K., Kang, S. M., Seo, C. W., & Lee, I. J. (2017). Indoleacetic Acid Production and Plant Growth Promoting Potential of Bacterial Endophytes Isolated from Rice (*Oryza sativa* L.) Seeds. *Acta Biologica Hungarica*, 68(2), 175-186.
- Shan DZ, BC Zhang, QX Ying, ZH Sun, XL He, YZ Liu, J Li, KK Chan, Dan ZX Lin. 2019. Root Associated Endophytic Bacterial Community Composition of *Pennisatum* Sinese from Four Representative Provinces in China. *Microorganism* 7(47): 1-15.
- Shang, X. C., Cai, X., Zhou, Y., Han, X., Zhang, C. S., Ilyas, N., & Zheng, Y. (2021). *Pseudomonas* Inoculation Stimulates Endophytic Azospira Population and Induces Systemic Resistance to Bacterial Wilt. *Frontiers in plant science*, 12, 738611.
- Singh, P. P., Shin, Y. C., Park, C. S., & Chung, Y. R. (1999). Biological control of Fusarium wilt of cucumber by chitinolytic bacteria. *Phytopathology*, 89(1), 92-99.
- Siregar, M. & Sulardi. (2018). Agribisnis Budidaya Padi. Fakultas Ekonomi Universitas Panca Budi, Medan.
- Sivan, A., & Chet, I. 1986. Biological Control of *Fusarium* Spp. In Cotton, Wheat and Muskmelon by *Trichoderma harzianum*. *Journal of Phytopathology*.116(1), 39-47.

- Sobianti, S., Soesanto, L., & Hadi, S. (2020). Inventarisasi Jamur Patogen Tular-Benih Pada Lima Varietas Padi. *Agro Bali: Agricultural Journal*, 3(1), 1-15.
- Soenartiningsih, M. Akil, dan N.N. Andayani. (2015). Cendawan Tular Tanah (*Rhizoctonia solani*) Penyebab Penyakit Busuk Pelepas pada Tanaman Jagung dan Sorgum dengan Komponen Pengendaliannya. *Pusat Penelitian dan Pengembangan Tanaman Pangan Bogor*, 87-88.
- Sriyanti, N. L. G., Suprapta, D. N., & Suada, I. K. (2015). Uji keefektifan rizobakteri dalam menghambat pertumbuhan jamur *Colletotrichum spp.* penyebab Antraknosa pada cabai merah (*Capsicum annuum L.*). *E-Jurnal Agroekoteknologi Tropika*, 4(1), 53-65.
- Sugianto, S. K., Shovitri, M., & Hidayat, H. (2019). Potensi Rhizobakteri Sebagai Pelarut Fosfat. *Jurnal sains dan seni ITS*, 7(2), 71-74.
- Suhartono, S., & Artika, W. (2017). Isolasi dan uji aktivitas protease dari aktinobakteri isolat lokal (AKJ-09) Aceh. *Jurnal Boleuser*, 1(3).
- Sulistiyanto, S., Saputri, T. A., & Noviyanti, N. (2022). Deteksi Dini Hama dan Penyakit Padi Menggunakan Metode Certainty Factor. *JURIKOM (Jurnal Riset Komputer)*, 9(1), 48-54.
- Supriyanti, A. (2020). Respons Tanaman Padi Yang di Aplikasi *Bacillus spp.* Terhadap Infeksi Virus Kerdil. Universitas Gadjah Mada. Diunduh dari <http://Etd.Repository.Ugm.Ac.Id/>
- Suslow T, Schroth M, Isaka M. (1982). Application of A Rapid Method for Gram Differentiation of Plant Pathogenic and Saprophytic Bacteria Without Staining. *Am Phytopathol Soc* 72 (7): 917-918.
- Taruna, A., Aini, L. Q., & Syib'li, M. A. (2024). The Potential Of *Bacillus Subtilis* And *Pseudomonas Fluorescens* Bacteria In Inducting The Resistance Of Tomato Plants Against *Fusarium* Wilt Disease. *Jurnal HPT (Hama Penyakit Tumbuhan)*, 12(2), 111-123.
- Taule, C., Vaz-Jauri, P., & Battistoni, F. (2021). Insights Into the Early Stages of Plant–Endophytic Bacteria Interaction. *World Journal of Microbiology and Biotechnology*, 37, 1-9.
- Turaidar, V., Reddy, M., Anantapur, R., Krupa, K. N., Dalawai, N., Deepak, C. A., & Kumar, K. H. (2018). Rice Sheath Blight: Major Disease in Rice. *Int J Curr Microbiol Appl*, 7, 976-988.
- Utama, M. Z. H., & Zulman, H. (2015). Budidaya Padi Pada Lahan Marjinal. *Penerbit ANDI*, Yogyakarta.

- Verma, S. K., & White, J. F. (2018). Indigenous Endophytic Seed Bacteria Promote Seedling Development and Defend Against Fungal Disease in Browntop Millet (*Urochloa ramosa* L.). *Journal of applied microbiology*, 124(3), 764-778.
- Verma, S. K., Kharwar, R. N., & White, J. F. (2019). The Role of Seed-Vectored Endophytes in Seedling Development and Establishment. *Symbiosis*, 78, 107-113.
- Wahyudi, A. T., Meliah, S., & Nawangsih, A. A. (2011). *Xanthomonas oryzae* Pv. *oryzae* Bakteri Penyebab Hawar Daun Pada Padi: Isolasi, Karakterisasi, Dan Telah Mutagenesis dengan Transposon. *Makara Journal of Science*.
- Walascha, A., Febriana, A., Saputri, D., Haryanti, D. S. N., Tsania, R., & Sanjaya, Y. (2021). Review Artikel: Inventarisasi Jenis Penyakit yang Menyerang Daun Tanaman Padi (*Oryza sativa* L.). in *Prosiding Seminar Nasional Biologi*.1(2), pp.471-478.
- Walitang, D. I., Kim, K., Madhaiyan, M., Kim, Y. K., Kang, Y., & Sa, T. (2017). Characterizing Endophytic Competence and Plant Growth Promotion of Bacterial Endophytes Inhabiting the Seed Endosphere of Rice. *BMC microbiology*, 17, 1-13
- Wang, L., Xi, N., Lang, D., Zhou, L., Zhang, Y., & Zhang, X. (2022). Potential Biocontrol and Plant Growth Promotion of an Endophytic Bacteria Isolated From *Glycyrhiza uralensis* Seeds. *Egyptian Journal of Biological Pest Control*, 32(1), 1-16.
- Wati, C. (2017). Identifikasi Hama Tanaman Padi (*Oriza sativa* L) dengan Perangkap Cahaya di Kampung Desay Distrik Prafi Provinsi Papua Barat. *Jurnal triton*, 8(2), 81-87.
- Wendra, Y., Alwendi, A., Ardi, A., & Aldo, D. (2020). Metode Case Based Reasoning Untuk Identifikasi Penyakit Tanaman Padi. *JURSIMA (Jurnal Sistem Informasi dan Manajemen)*, 8(2), 103-110.
- Widawati, S. (2019). Role of indigenous nitrogen-fixing bacteria in promoting plant growth on post tin mining soil. *Makara Journal of Science*, 23(1), 4.
- Widiantini, F., Yulia, E., & Fiko, D. S. (2022). Penghambatan Pertumbuhan *Rhizoctonia solani* dan Penekanan Serangannya pada Perkecambahan Tanaman Padi oleh Bakteri Endofit Padi. *Jurnal Fitopatologi Indonesia*, 18(2), 75-84.

- Won, S. J., Kwon, J. H., Kim, D. H., & Ahn, Y. S. (2019). The effect of *Bacillus licheniformis* MH48 on control of foliar fungal diseases and growth promotion of *Camellia oleifera* seedlings in the coastal reclaimed land of Korea. *Pathogens*, 8(1), 6.
- Wu, W., Chen, W., Liu, S., Wu, J., Zhu, Y., Qin, L., & Zhu, B. (2021). Beneficial Relationships Between Endophytic Bacteria and Medicinal Plants. *Frontiers in plant science*, 12, 646146.
- Yang, F., Zhang, R., Wu, X., Xu, T., Ahmad, S., Zhang, X., & Liu, Y. (2020). An Endophytic Strain of The Genus *Bacillus* Isolated From The Seeds of Maize (*Zea mays* L.) Has Antagonistic Activity Against Maize Pathogenic Strains. *Microbial pathogenesis*, 142, 104074.
- Yanti, D., Rahmawati dan Kurniatuhadi, R. (2021). Karakteristik Morfologis dan Fisiologis Bakteri Endofit dari Akar Napas Tumbuhan *Avicennia marina* (fork) vierh di Mempawah Mangrove Park. *Biologica Samudra*, 3(2): 166-183.
- Zhang, Z., Liu, T., Zhang, X., Xie, J., Wang, Y., Yan, R., & Zhu, D. (2021). Cultivable Endophytic Bacteria in Seeds of Dongxiang Wild Rice and Their Role in Plant-Growth Promotion. *Diversity*, 13(12), 665.
- Zuraida, V., Kusbianto, D., & Pahlevi, M. R. (2023). Sistem Pakar Diagnosis Penyakit dan Hama pada Tanaman Padi dengan Metode *Forward Chaining*. *Jurnal Minfo Polgan*, 12(1), 378-38.