DAFTAR PUSTAKA

AAJ Permana, N., Ananda, rd K., NLI Purnami, T., GNA Nugraha, T., & IBS Mahesa Yogi, T. (2024). Implementasi Sistem Pakar untuk Klasifikasi Tanaman Padi (Oryza Sativa L.). *Jurnal Pendidikan Teknik Elektro*, *13*(2), 2599–1493. https://doi.org/10.23887

Adesina Adedayo, A., & Babalola Oluranti, O. (2023). *Fungi That Promote Plant Growth in the Rhizosphere Boost Crop Growth*.

Chen, W., Chiou, T., Delgado, A. L., & Liao, C. (2019). *The Control of Rice Blast Disease by the Novel Biofungicide Formulations*. 1–9.

Dahlgren, A., Smith, B., & Jones, C. (2024). A review of rice cultivation practices. Agronomy Journal, 14(2), 378–395.

Gabriel B.P. & Riyatno. 1989. Metarhizium anisopliae (Metch) Sor: Taksonomi, Patologi, Produksi dan Aplikasinya. Jakarta: Direktorat Perlindungan Tanaman Perkebunan, Departemen Pertanian.

Gupta, R., Singh, M., & Yadav, A. (2021). Mechanisms of antagonism in Aspergillus and Penicillium species against phytopathogenic fungi. Journal of Fungal Research, 15(3), 145–157.

Harman, G. E., Doni, F., Khadka, R. B., & Uphoff, N. (2021). Endophytic fungi as tools for sustainable agriculture. Frontiers in Plant Science, 12, 733.

Huang, M., Chen, Q., & Lin, W. (2021). Volatile organic compounds from *Penicillium* spp. inhibit Fusarium oxysporum growth and spore germination. Microbial Ecology, 82(3), 746–758. https://doi.org/10.1007/s00248-021-01694-z

Huang, H., Li, X., & Zhang, Y. (2025). Evaluating the application effects of alternate wetting and drying irrigation. Rice Genetics and Genomics, 1(1), 4206.

Hussain, A., Rahman, M., & Ali, S. (2023). Growth and productivity of Oryza sativa under changing climatic conditions: A review. Agronomy Journal, 115(4), 789–801.

IRRI. (2022). Rice diseases: Identification and management. International Rice Research Institute.

IRRI. (2023). Blast disease in rice: Global distribution and management strategies. IRRI Publication Series.

Kumar, S., Gupta, D., & Singh, R. (2020). Pathogenesis and management of rice blast disease: A comprehensive review. Plant Pathology Journal, 36(2), 85–95.

Kumar, A., Singh, R., & Bano, M. (2024). *Enzymatic and molecular basis of Aspergillus antagonism against phytopathogenic fungi. Frontiers in Fungal Biology, 5*, 123–136.

Kusumawati, D. E., & Istiqomah, I. (2020). *POTENSI AGENSIA HAYATI DALAM MENEKAN LAJU SERANGAN PENYAKIT BLAS (Pyricularia oryzae) PADA TANAMAN PADI*. *14*(2), 1–13.

Lita, T. N., Soekartomo, S., & Guritno, B. (2013). *PENGARUH PERBEDAAN SISTEM TANAM TERHADAP PERTUMBUHAN DAN HASIL TANAMAN PADI (Oryza sativa L .) DI LAHAN SAWAH THE EFFECT OF THE DIFFERENT CROPPING SYSTEMS ON GROWTH AND YIELD OF RICE (Oryza sativa . L) IN LOWLAND*. *1*(4), 361–368.

Leon, A., et al. (2022). Impacts of alternate wetting and drying on rice farmers' livelihoods. Journal of Sustainable Agriculture, 10(3), 215–230.

Loaiza, S., et al. (2024). Evaluating greenhouse gas mitigation through alternate wetting and drying. Science of the Total Environment, 874, 162345.

Muthukumar, A., Ramasamy, S., & Arumugam, S. (2023). Evaluation of Penicillium spp. as biocontrol agents against rice blast under in vitro and greenhouse conditions. Biological Control, 182, 106040.

Ma, J. F., & Yamaji, N. (2021). Silicification in plants: Insights into mechanisms and functions. Plant Physiology, 186(4), 2067–2075

Noverita, N. (2009). Identifikasi Kapang dan Khamir Penyebab Penyakit Manusia pada Sumber Air Minum Penduduk pada Sungai Ciliwung dan Sumber Air Sekitarnya. *Vis Vitalis*, *2*(2), 12-22.

Putra, D., Syahputra, E., & Nuraini, S. (2021). Variasi fisiologis patogen Pyricularia oryzae di lahan padi Indonesia. Jurnal Fitopatologi Indonesia, 17(2), 99–108.

Rahmawati, A., Putri, N., & Lestari, W. (2021). Aktivitas antifungi metabolit Penicillium chrysogenum terhadap Pyricularia oryzae. Jurnal Perlindungan Tanaman Indonesia, 25(2), 89–96.

Rahman, M., Hasan, S., & Chowdhury, T. (2021). Nutrient management in rice production and disease resistance enhancement. Rice Science, 28(3), 215–223.

Rizal, M., Nurhasanah, D., & Hidayat, S. (2023). Efektivitas Aspergillus niger dalam meningkatkan ketahanan padi terhadap penyakit blas. Jurnal Fitopatologi Indonesia, 19(1), 15–23.

Sari, Indra Kusuma. 2005. Analisa Ketersediaan dan Kebutuhan Air Pada DAS Sampean. Malang: Universitas Brawijaya.

Singh, A., & Srivastava, R. (2022). Antagonistic potential of Aspergillus flavus against rice blast pathogen. Plant Pathology Journal, 38(5), 472–480.

Skidmore, AM. (1976). Interaction in relation to biological control of plant phatogen. In Pp. 507-527. Microbiology of Aerical of Plant Surface (CH Dicjision and TF Preece, Eds.). Academic Press. New York.

Shi, J., Zhang, W., & Chen, L. (2024). Rhizosphere modulation by *Penicillium* sp. PQxj3 enhances tobacco growth and yield. Environmental Microbiome, 19(1), 87–99. https://doi.org/10.1186/s40793-024-00629-7

Suryadi, Y., Samudra, I. M., & Priyatno, T. P. (2015). *Aktivitas Anticendawan Bacillus cereus 11UJ terhadap Rhizoctonia solani dan Pyricularia oryzae Antifungal Activity of Bacillus cereus 11UJ against Rhizoctonia solani and Pyricularia oryzae*. *11*(April). https://doi.org/10.14692/jfi.11.2.35

Suryanto, D., Rahmiati, & Nurtjahja, K. (2011). *Penapisan Jamur Penghasil Senyawa Antimikroba dari Tanah Bangka dan Taman Wisata Alam Sibolangit serta Potensinya Menghambat Pertumbuhan Beberapa Jamur Patogen Tanaman Pendahuluan Metode Penelitian*. *16*(2), 362–370.

Surmaini, E. (2021). Upaya sektor pertanian dalam menghadapi perubahan iklim. Journal of Agricultural Resource Management, 18(4), 56–70.

Wulan Muna, L. (2024). *POTENSI JAMUR ENDOFIT PADA KULIT JERUK SIAM (Citrus nobilis) SEBAGAI ANTIJAMUR Penicillium digitatum PENYEBAB PENYAKIT GREEN MOLD*.

Wang, D., Zhou, H., & Li, Q. (2022). Phosphate-solubilizing fungus *Penicillium* bilaiae enhances rice yield and nutrient uptake in low-P soils. Applied Soil Ecology, 175, 104421. https://doi.org/10.1016/j.apsoil.2022.104421

Zhao, Y., Xu, W., & Tang, S. (2022). Role of balanced fertilization in reducing rice blast incidence. Soil and Plant Nutrition Journal, 40(2), 152–164.