

DAFTAR PUSTAKA

- Adi, N. I. (2025). *Efektivitas Beberapa Spesies Bacillus untuk Pengendalian Penyakit Bercak Daun Bersudut (Pseudomonas syringae pv. lachrymans (Smith & Bryan)) pada Tanaman Mentimun (Cucumis sativus L.)*. Universitas Andalas.
- Alfaridzi, M. (2022). *Uji Antagonis Bakteri Endofit terhadap Cendawan Patogen Rhizoctonia Solani Kühn Penyebab Penyakit Hawar Pelepah pada Tanaman Padi*. Universitas Andalas.
- Andersen, B., Solfrizzo, M., Visconti, A. (1995). Metabolite Profiles of Common Stemphylium Species. *Mycological Research*, 99(6), 672-676.
- Aveling, T. A. S., dan Snyman, H. G. (1993). Infection Studies of *Stemphylium vesicarium* on Onion Leaves. *Mycology Research*, 97(8), 984-988.
- Balosi, F., Lakani, I., Panggeso, J. (2014). Eksplorasi Bakteri Endofit sebagai Agens Pengendalian Hayati terhadap Penyakit Darah pada Tanaman Pisang secara *In Vitro*. *e-Jurnal Agrotekbis*, 2(6), 579-586.
- Bandara, W. M. M. S., Seneviratne, G., Kulasooriya, S. A. (2006). Interactions Among Endophytic Bacteria and Fungi: Effects and Potentials. *J. Biosci*, 31(5), 645-650.
- Behera, S., Santra, P., Chattopadhyay, S., Das, S., Maity, T. K. (2013). Variation in Onion Varieties for Reaction to Natural infection of *Alternaria porri* (Ellis) Ciff. and *Stemphylium vesicarium* (Wallr.). *The Bioscan*, 8(3), 759-761.
- Brader, G., Compant, S., Mitter, B., Trognitz, F., Sessitsch, A. (2014). Metabolic Potential of Endophytic Bacteria. *Current Opinion in Biotechnology*, 27, 30-7.
- Chandel, R., Kamil, D., Singh, S., Kumar, A., Patel, R., Verma, P., Zimik, M., Khar, A. (2022). Screening of short-day onions for resistance to *Stemphylium* leaf blight in the seed-to-bulb stage (stage I) and bulb-to-seed stage (stage II). *Frontiers in Plant Science*, 13, 1-21.
- Febbiyanti, T. R. (2012). Penapisan Jamur Dan Bakteri Antagonis Terhadap Jamur Akar Putih (*Rigidoporus microporus*) Dari Rizosfer Tanaman Lidah Mertua (*Sansevieria trifasciata* Prain). *Indonesian J. Nat. Rubb. Res*, 30(1), 1-11.
- Flori, F., Mukarlina., dan Rahmawati. (2020). Potensi Antagonis Isolat Bakteri *Bacillus* spp. Asal Rhizosfer Tanaman Lada (*Piper nigrum* L.) sebagai Agen Pengendali Jamur *Fusarium* sp. JDF. *Bioma: Jurnal Biologi Makassar*, 5(1): 111-120.

- Giri, A. V., Anandkumar, N., Muthukumaran, G., Pennathur, G. (2004). A Vovel Medium for The Enhanced Cell Growth and Production of Prodigiosin from *Serratia marcescens* Isolated from Soil. *BMC Microbiology*, 4(11), 1-10.
- Gossen, B. D., Tayvia, C. S., McDonald, M. R. (2021). The Role of Ascospores and Conidia, In Relation to Weather Variables, In The Epidemiology of Stemphylium Leaf Blight of Onion. *Plant Disease*, 105(7), 1912-1918.
- Haidar, R., Roudet, J., Bonnard, O., Dufour, M. C., Corio-Costet, M. F., Fert, M., Gautier, T., Deschamps, A., Fermaud, M. (2016). Screening and Modes of Action of Antagonistic Bacteria to Control The Fungal Pathogen *Phaeomoniella Chlamydospora* Involved in Grapevine Trunk Diseases. *Microbiological Research*, 192, 172-184.
- Hallmann J., Quadt-Hallmann, A., Mahaffee, W. F., Kloepper, J. W. (1997). Bacterial Endophytes in Agricultural Crops. *Can. J. Microbiol*, 43, 895-914.
- Handayani, K., Royanti, V., Ekowati, C. N. (2023). Indeks Keanekaragaman Bakteri *Bacillus* sp. dari Tanah Kebun Liwa. *Gunung Djati Conference Series*, 18, 46–52.
- Hay, F., Stricker, S., Gossen, B. D., McDonald, M. R., Heck, D., Hoepting, C., Sharma, S., Pethybridge, S. (2021). Stemphylium Leaf Blight: A Re-Emerging Threat to Onion Production in Eastern North America. *Plant Disease*, 105(12), 3780-3794.
- Hussein, M. A. M., Hassan, M. H. A., Allam, A. D. A., Abo-Elyousr., K. A. M. (2007). Management of Stemphylium Blight of Onion by Using Biological Agents and Resistance Inducers. *Egypt. J. Phytopathol*, 35(1), 49-60.
- Iqlima, D., Ardiningsih, P., Wibowo, M. A. Aktivitas Antibakteri Isolat Bakteri Endofit B_{2D} dari Batang Tanaman Yakon (*Smallanthus sonchifolius* (Poepp. & Endl.) H. Rob.) terhadap Bakteri *Staphylococcus aureus* dan *Salmonella thypimurium*. (2017). *JKK*, 7(1), 36-43.
- Jaiganesh, V., Eswaran, A., Balabaskar, P., Kannan, C. (2007). Antagonistic Activity of *Serratia marcescens* againts *Pyricularia oryzae*. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 35(2), 48-54.
- Kawasaki, Y., Nischwitz, C., Michelle, M. G., Justin, J., Jason, D. B., Jon.Y.T. (2016). Production and Application of Syringomycin E as an Organik Fungicide Seed Protectant against Pythium Damping-off. *Journal of Phytopathology*, 164(10), 801-810.
- Klement, Z., K. Rudolph., D. C. Sands. (1990). *Methods in Phytopathology*. Akademia Kiado. Budapest. 568.
- Kolhe, S., Bala, K., Meddya, S., Prashant, P., Sawant, K., Barai, D. (2023). A Brief Review on Stemphylium Blight of Onion Caused by *Stemphylium vesicarium*. *The Pharma Innovation Journal*, 12(7), 2019-2028.

- Korlina, E., Hasyim, A., Hermanto, C. (2021). Efficacy of Different Dose of Fungicide Mancozeb Against Purple Blotch Complex (*Alternaria porri*) of Shallot. *IOP Conference Series: Earth and Environmental Science*, 653(1), 0-7.
- Leach, A., Frank, H., Riley, H., Kellie, C.D., Brian, N. (2019). Relationship Between Onion Thrips (*Thrips tabaci*) and *Stemphylium vesicarium* in the Development of Stemphylium Leaf Blight in Onion. *Annals of Applied Biology*. 176, 55-64.
- Liorente, I., Vilardell, A., Vilardell, P., Patteri, E., Bugiani, R., Rossi, V., Montesinos, E. (2010). Control of Brown Spot of Pear by Reducing the Overwintering Inoculum Through Sanitation. *Eur. J. Plant Pathol*, 128, 127-141.
- Mayadianti, I. A. I., Khalimi, K., Sumiti, N. W. (2020). Uji Daya Hambat Bakteri *Paenibacillus polymyxa* terhadap Pertumbuhan Jamur *Colletotrichum* sp. secara *In Vitro*. *Jurnal Agroekoteknologi Tropika*, 9(4): 229-237.
- Mishra, B., dan Singh., R. P. (2019). Reaction of onion varieties to Stemphylium blight (*Stemphylium vesicarium*). *International Journal of Current Microbiology and Applied Sciences*, 8(4), 1875-1880.
- Muslim, A. (2019). *Pengendalian Hayati Patogen Tanaman dengan Mikroorganisme Antagonis*. Universitas Sriwijaya Press.
- Nasiroh, U., Isnawati., Trimulyono, G. (2015). Aktivitas Antifungi *Serratia marcescens* terhadap *Alternaria porri* Penyebab Penyakit Bercak Ungu Secara *in Vitro*. *Lentera Bio*, 4(1). 13-18.
- Nugraheni, I. A., Setianah, H., Wibowo, D. S. (2021). Aktivitas Antibakteri dari Bakteri Endofit Asal Akar Aiplukan (*Physalis angulata* L.) terhadap *Staphylococcus aureus* dan *Escherichia coli*. *Biomedika*, 13(1), 48-55.
- Okay, S., Ozdal, M., Kurbanoglu, E. B. (2013). Characterization, Antifungal Activity, and Cell Immobilization of A Chitinase From *Serratia Marcescens* MO-1. *Turkish Journal of Biology*, 37, 639-644.
- Oktaviana, M. A., Haryono, N. Y., Yunimar. (2022). Uji Antagonis Bakteri Endofit terhadap Fungi Patogen *Colletotrichum* sp. Penyebab Penyakit Antraknosa pada Stroberi (*Fragaria x ananassa*). *Prosiding Seminar Bioteknologi Nasional (SimBioN)*, 1, 86-94.
- Paibomesai, M., Celetti, M., Omafra., Tesfaendrias, M. (2012). Update on Stemphylium Leaf Blight of Onions in Ontario. *HortMatters article*, 12, 1-5.
- Pethybridge, S. J., Hay, F., Maloney, E., Hoepting, C. (2016). Digging deeper: Towards understanding the Stemphylium leaf blight pathogen of onion in New York. *Agricultural and Food Sciences*, 1-5.

- Pitasari, A., dan Ali, M. (2018). Isolasi Dan Uji Antagonis Bakteri Endofit Dari Tanaman Bawang Merah (*Allium ascalonicum* L.) Terhadap Jamur *Alternaria porii* Ellis Cif. *JOM Faperta*, 5(1), 1–12.
- Prastya, M. E., Supriyadi, A., Kusdiyantini, E. (2014). Eksplorasi Rhizobakteri Indigenous Tanaman Cabai Rawit (*Capsicum frutescens* Linn.) Dari Pertanian Semi Organik Desa Batur Kabupaten Semarang Sebagai Agen Hayati Pengendali Pertumbuhan Jamur *Fusarium oxysporum f.sp capsici*. *Jurnal Biologi*, 3(3), 18–31.
- Purba, K. S., Khalimi, K., Suniti, N. W. (2021). Uji Aktivitas Antijamur *Bacillus cereus* terhadap *Colletotrichum fructicola* KRCCR Penyebab Penyakit Antraknosa pada Buah Cabai Rawit (*Capsicum frutescens* L.). *Jurnal Agroekoteknologi Tropika*. 10(1), 50–58.
- Putri, A., Rusli, R., Rahma, H. (2020). Uji Antagonis Bakteri Endofit Terhadap Pertumbuhan Jamur Patogen *Curvularia Lunata* Secara In Vitro. *Prosiding Seminar Nasional Fakultas Pertanian Upn “Veteran” Yogyakarta 2020*, 229-236.
- Radu, S., dan Kqueen, C. Y. (2002). Preliminary Screening of Endophytic Fungi from Medicinal Plants in Malaysia For Antimicrobial and Antitumor Activity. *Malaysian Journal of Medical Sciences*, 9(2), 23-33.
- Rahman, A., Sitepu, I. R., Tang, S. Y., Hashidoko, Y. (2010). Salkowski’s Reagent Test as a Primary Screening Index for Functionalities of Rhizobacteria Isolated from Wild Dipterocarp Saplings Growing Naturally on Medium-Strongly Scidic Tropical Peat Soil. *Biosci Biotechnol Biochem*, 74, 2202–2208.
- Rani, S., Prasetyawati, E. T., Nirwanto, H. (2022). Potensi Bakteri *Bacillus* spp. dalam Menghambat *Colletotrichum capsici* Penyebab Antraknosa Pada Cabai Merah Secara In Vitro. *Plumula*, 10(1), 18-28.
- Rao, N. N. R., dan Pavgi, M. S., (1975). Stemphylium Blight of Onion. *Mycopathologia*, 56(2), 113-118.
- Resti, Z., Habazar, T., Putra, D. P., Nasrun. (2013). Skrining dan Identifikasi Isolat Bakteri Endofit untuk Mengendalikan Penyakit Hawar Daun Bakteri pada Bawang Merah. *Jurnal HPT Tropika*, 13(2), 167–178.
- Resti, Z., Reflin., dan Gani, S., (2017). Antagonistic and Plant Growth Promoting of Indigenous Endophytic Bacteria of Shallots. *International Journal of Science and Applied Technology*, 2(2), 42-49.
- Resti, Z., Martinius., Liswarni, Y. (2022). Kemampuan antagonis bakteri endofit dan konsorsiumnya terhadap pertumbuhan jamur *Culvularia oryzae* Bugbic. *Jurnal Proteksi Tanaman*, 6(1), 35-43.

- Rustam., Giyanto., Wiyono, S., Santosa, D. A., Susanto, S. (2011). Seleksi dan Identifikasi Bakteri Antagonis sebagai Agens Pengendali Hayati Penyakit Hawar Pelepah Padi. *Penelitian Pertanian Tanaman Pangan*, 30(3), 164-171.
- Samrot, A. V., Chandana, K., Senthilkumar, P., Gopakumaran., N. K. (2011). Optimization of prodigiosin production by *Serratia marcescens* SU-10 and evaluation of its bioactivity. *International Research Journal of Biotechnology*, 2(5), 128-133.
- Samsudin., dan Amaria, W. (2016). Potensi Pemanfaatan Jamur sebagai Agens Hayati Pengendali Penyakit Tanaman Perkebunan. *Sirinov*, 4(2), 59-70.
- Schaad, N. W., Jones, J. B., Chun, W. (2001). Laboratory Gurde for Identification of Plant Pathology Bacteria. *Phytopathology Society*, 50, 812-814.
- Sessitsch, A., Reiter, B., Berg, G. (2004). Endophytic Bacterial Communities of Field-Grown Potato Plants and Their Plant Growth-Promoting Antagonist Abilities. *Journal Microbiol*, 50, 239-249.
- Simmons, E. G. (1969). Perfect States of Stemphylium. *Mycologia*, 61, 1-26.
- Someya, N., Kataoka, N., Komagata, T., Hirayae, K., Hibi, T., Akutsu, K. (2000). Biological control of cyclamen soil borne diseases by *Serratia marcescens* strain B2. *Plant Disease*, 84(3), 334-340.
- Stein, T. (2005). *Bacillus subtilis* Antibiotics: Structures Syntheses and Specific Functions. *Molecular Microbiology*, 56(4), 854-857.
- Stricker, S. M. (2021). *Improved Integrated Pest Management of Stemphylium Leaf Blight of Onion*. University of Guelph.
- Suheri, H., dan Price, T. V. (2000). Stemphylium Leaf Blight of Garlic (*Allium sativum*) in Australia. *Australasian Plant Pathology*, 29, 192-199.
- Sulistiyani, T. R., Meliah, S., Damayanti. (2020). Bakteri Endofit yang Diisolasi dari Akar *Eurycoma longifolia* dan Potensinya Sebagai Pengendali Jamur Patogen Tanaman. *Jurnal Bioteknologi & Biosains Indonesia*, 7(1), 37-47.
- Suriani, dan Muis, A. (2016). Prospek *Bacillus subtilis* sebagai Agen Pengendali Hayati Patogen Tular Tanah pada Tanaman Jagung. *Jurnal Penelitian dan Pengembangan Pertanian*, 35(1), 37-45.
- Sutariati, G. A. K., dan Wahab., A. (2010). Isolasi dan Uji Kemampuan Rizobakteri *Indigenous* sebagai Agensia Pengendali Hayati Penyakit pada Tanaman Cabai. *Jurnal Hortikultura*, 20(1), 86-95.
- Wahyuni, S. (2019). Isolasi dan Uji Antagonis Bakteri Endofit dari Patogen Akar Tanaman Karet. *Prossiding Seminar Hasil Penelitian Universitas Muslim Nusantara (UMN) Al Washliyah*, 676-680.

- Wihayyu, A., Resti, Z., Sulyanti, E., Darnetty., Khairul, U. Antagonistic Test of Endophytic Bacteria Against *Fusarium oxysporum* f.sp. *cepae* Causes of Moler Disease on Shallots. *Journal of Plant Protection*, 7(1), 35-42.
- Woudenberg, J. H. C., Hanse, B., van Leeuwen, G. C. M., Groenewald, J. Z., Crous, P. W. (2017). *Stemphylium* revisited. *Studies in Mycology*, 87, 77-103.
- Wright, P. J., Searle, B., Tyson, T. L., Mellow, K. D. (2019). The Current Outbreak of *Stemphylium* Leaf Blight of Onion in New Zealand – Identification of Cause and Review of Possible Risk Faktors Associated with The Disease. *New Zealand Plant Protection*, 72, 10–20.
- Zheng, L., Lv, R., Hsiang, T., Huang, J. (2009). Host Range and Phytotoxicity Of *Stemphylium solani*, Causing Leaf Blight of Garlic (*Allium sativum*) In

