



## DAFTAR PUSTAKA

- Adhiana. 2021. Analisis faktor-faktor yang mempengaruhi produksi cabai merah di Kabupaten Pidie Jaya. *Jurnal Agrica Ekstensia* 15(1): 82-92.
- Aguilar-Paredes, A., G. Valdes, N. Araneda, E. Valdebenito, F. Hansen, & M. Nuti. 2023. Microbial community in the composting process and its positive impact on the soil biota in sustainable agriculture. *Agronomy* 13(2): 1-24.
- Ahmad, T., M. Noman, Y. Qi, M. Syahid, S. Husain, H. A. Masud, L. Xu, H. M. Ali, S. negm, A. F. El-Kott, Y. Yao, X. Qi, & B. Li. 2023. Fertilization of microbial composts: a technology for improving stress resilience in plants. *Plants* 12(20): 1-31.
- Ananta, I. G. B. T. & D. G. A. Anjasmara. 2022. Potensi ekstrak buah cabai merah keriting (*Capsicum annum* var. Longum) sebagai antioksidan dan antibakteri. *Jurnal Ilmiah Medicamento* 8(1): 48–55.
- Anonim. 2016. Outlook Cabai: Komoditas Pertanian Subsektor Hortikultura. Pusat Data dan Sistem Informasi Pertanian Sekretariat Jenderal Kementerian Pertanian, Jakarta.
- Antoniou, A., M. D. Tsolakidou, I. A. Stringlis, & I. S. Pantelides. 2017. Rhizosphere microbiome recruited from a suppressive compost improves plant fitness and increase protection against vascular wilt pathogens of tomato. *Frontiers in Plant Science* 8: 1-16.
- Antonius, S., R. D. Sahputra, Y. Nuraini, & T. K. Dewi. 2018. Manfaat pupuk organik hayati, kompos, dan biochar pada pertumbuhan bawang merah dan pengaruhnya terhadap biokimia tanah pada percobaan pot menggunakan tanah ultisol. *Jurnal Biologi Indonesia* 14(2): 243-250.
- Aznar, A. & A. Dellagi. 2015. New insights into the role of siderophores as triggers of plant immunity: what can we learn from animals? *Journal of Experimental Botany* 66(11): 3001-3010.
- Balitsa. 2018. Cabai Lembang 1. <http://balitsa.litbang.pertanian.go.id/ind/index.php/varietas/cabai/36-halaman/609-cabai-lembang-1>. Diakses pada 30 November 2021.
- Beffa, T., M. Blanc, L. Marilley, J. L. Fischer, P. Lyon, & M. Aragno. 1996. Taxonomic and metabolic microbial diversity during composting. *The Science of Composting* 149-161.
- Berlian I, B. Setyawan, & H. Hadi. 2013. Mekanisme antagonisme *Trichoderma* spp. terhadap beberapa patogen tular tanah. *Warta Perkaretan* 32(2): 74 - 82.
- Bleackley, M. R., M. Samuel, D. Garcia-Ceron, J. A. McKenna, R. G. T. Lowe, M. Pathan, K. Zhao, C. Ang, S. Mathivanan, & M. A. Anderson. 2019. Extracellular vesicles from



the cotton pathogen *Fusarium oxysporum* f. sp. *vasinfectum* induce a phytotoxic response in plants. *Frontiers in Plant Science* 10: 1610.

Boer, M. D., P. Bom, F. Kindt, J. B. Keurentjes, I. V. D. Sluis, L. C. V. Loon, & P. A. H. M. Bakker. 2003. Control of fusarium wilt of radish by combining *Pseudomonas putida* strains that have different disease-suppressive mechanisms. *Phytopathology* 93(5): 626-632.

Cahyani, H. N. & Ngadiman. 2022. Isolasi dan identifikasi jamur dari kompos dan berdaya antagonistik terhadap patogen tular tanah *Fusarium oxysporum* dan *Rhizoctonia solani*. Fakultas Pertanian, Universitas Gadjah Mada. Skripsi.

Cappuccino, J.G. & N. Sherman. 2014. *Microbiology: a laboratory manual* 10th edition. Pearson, United States of America.

Chang, S. T. & P. G. Miles. 2004. *Mushrooms: Cultivation, Nutritional Value, Medicinal Effect and Environment Impact* 2nd Edition. CRC Press, Boca Raton.

Chen, M., A. L. H. Jack, I. C. McGuire, & E. B. Nelson. 2012. Seed-colonizing bacterial communities associated with the suppression of *Pythium* seedling disease in a municipal biosolids compost. *Phytopathology* 102: 478-489.

Corato, U. D. 2020a. Disease-suppressive compost enhances natural soil suppressiveness against soil-borne plant pathogens: a critical review. *Rhizosphere* 13: 1-15.

Corato, U. D. 2020b. Soil microbiota manipulation and its role in suppressing soil-borne plant pathogens in organic farming systems under the light of microbiome-assisted strategies. *Chemical and Biological Technologies in Agriculture* 17: 1-26.

Dukare, A. S., R. Prasanna, S. C. Dubey, L. Nain, V. Chaudhary, R. Singh, & A. K. Saxena. 2011. Evaluating novel microbe amended composts as biocontrol agents in tomato. *Crop Protection* 30(4): 436-442.

Dung, L., N. T. Dien, P. H. Dai, & P. N. Tuan. 2016. The first report of *Pestalotiopsis* sp. causing crown rot disease on strawberries in Dalat. *Dalat University Journal of Science* 6(3): 364-376.

Fatichah, N. L., & Ngadiman. 2022. Isolasi dan identifikasi aktinomisetes kompos yang berkemampuan antagonis terhadap *Rhodococcus fascians* dan *Streptomyces puniciscabiei*. Fakultas Pertanian, Universitas Gadjah Mada. Skripsi.

Ferniah R. S., B. S. Daryono, R. S. Kasiamdari, & Achmadi P. 2014. Characterization and pathogenicity of *Fusarium oxysporum* as the causal agent of *Fusarium* wilt in chili (*Capsicum annuum* L.). *Microbiology Indonesia* 8(3): 121–126.

Ferniah R. S., B. S. Daryono, R. S. Kasiamdari, & Achmadi P. 2014. Respons ketahanan tanaman cabai merah (*Capsicum annuum* L.) Indonesia terhadap Infeksi *Fusarium oxysporum*. Seminar Biodiversitas, 1-8.



- Ferniah, R. S., B. S. Daryono, R. S. Kasiamdari, and A. Priyatmojo. 2014. Characterization and pathogenicity of *Fusarium oxysporum* as the causal agent of *Fusarium* wilt in chili (*Capsicum annuum L.*). *Microbiology Indonesia* 8(3): 121-126.
- Gabrekiristos, E. & T. Demiyo. 2020. Hot pepper fusarium wilt (*Fusarium oxysporum* f. sp. *capsici*): epidemics, characteristic features and management options. *Journal of Agricultural Science* 12 (10): 347-360.
- Ghouili, E., G. Abid, R. Hogue, T. Jeanne, J. D'Astous-Page, K. Sassi, Y. Hidri, H. C. M'Hamed, A. Somenahally, Q. Xue, M. Jebara. R. N. Ouertani, J. Riahi, A. C. D. Oliveira, & Y. Muhovski. 2023. Date palm waste compost application increases soil microbial community diversity in a cropping barley (*Hordeum vulgare L.*) field. *Biology* 12(4): 1-21.
- Gonzalez, J. M. & B. Aranda. 2023. Microbial growth under limiting conditions-future perspectives. *Microorganisms* 11(7): 1-21.
- Griffin, D. E. 2012. Managing abiotic factors of compost to increase soilborne disease suppression. *Journal of Natural Resources and Life Science Education* 41(1): 31-34.
- Hadar, Y. 2011. Suppressive compost: when plant pathology met microbial ecology. *Phytoparasitica* 39: 311-314.
- Hadiwyono. 2008. Tanah supresif: terminologi, sejarah, karakteristik, dan mekanisme. *Jurnal Perlindungan Tanaman Indonesia* 14(2): 47-54.
- Hadiwyono. 2010. Tanah supresif dalam praktik pengelolaan penyakit tumbuhan. *Jurnal Ilmu Tanah dan Agroklimatologi* 7(1): 31-40.
- Haridjaja, O., D. P. T. Baskoro, & M. Setianingsih. 2013. Perbedaan nilai kadar air kapasitas lapang berdasarkan metode alhricks, drainase bebas, dan *pressure plate* pada berbagai tekstur tanah dan hubungannya dengan pertumbuhan bunga matahari (*Helianthus annuuss L.*). *Jurnal tanah Lingkungan* 15(2): 52-59.
- Hassan, A. S., A. M. S. Al-Hatmi, C. S. Shobana, A. D. van Diepeningen, L. Kredics, C. Vagvolgyi, M. Homa, J. F. Meis, G. S. de Hoog, V. Narendran, & P. Manikandan. 2016. Antifungal susceptibility and phylogeny of opportunistic members of the genus *Fusarium* causing human keratomycosis in South India. *Medical Mycology* 54: 287 – 294.
- Hassan, A., W. Akram, H. Rizwana, Z. Aftab, S. Hanif, T. Anjum, M. S. Alwahibi. 2023. The imperative use of bacillus consortium and quercetin contributes to suppress fusarium wilt disease by direct antagonism and induced resistance. *Microorganism* 11(10): 1-20.
- Heriyanto. 2019. Kajian pengendalian penyakit layu *Fusarium oxysporum* dengan *Trichoderma* sp. pada tanaman cabai. *Jurnal Ilmu-ilmu Pertanian* 26(2): 26 – 35.



- Hernandez, D., M. Ros, F. Carmona, J. A. Saez-Tovar, & J. A. Pascual. 2021. Composting spent mushroom substrate from *Agaricus bisporus* and *Pleurotus ostreatus* production as a growing media component for baby leaf lettuce cultivation under *Pythium irregularare* biotic stress. *Horticulturae* 7(2): 1-12.
- Hidalgo, D., F. Corona, & J. M. Martim-Marroquin. 2022. Manure biostabilization by effective microorganisms as a way to improve its agronomic value. *Biomass Conversion and Biorefinery* 12: 4649-4664.
- Hidayat, T. dan Marjani. 2017. Teknik pematahan dormansi untuk meningkatkan daya berkecambah dua aksesi benih yute (*Corchorus olitorius L.*). *Buletin Tanaman Tembakau, Serat & Minyak Industri* 9(2): 73-81.
- Innation, T. O., V. I. Meitiniarti, & D. C. Cahyaningrum. 2021. The reduction of Cr (IV) in soil by *Microbacterium* sp. strain SpR3 in vermicompost carrier. *Jurnal Bioteknologi & Biosains Indonesia* 8(1): 33-41.
- Jayaraman, S., A. K. Naorem, R. Lal, R. C. Dalal, N. K. Sinha, A. K. Patra, & S. K. Chaudhari. 2021. Disease-suppressive soils—beyond food production: a critical review. *Journal of Soil science and Plant Nutrition* 21: 1437-1465.
- Joshi, D., K. S. Hooda, J. C. Bhatt, B. L. Mina, & H. S. Gupta. 2009. Suppressive effects of composts on soil-borne and foliar diseases of French bean in the field in the western Indian Himalayas. *Crop Protection* 28(7): 608-615.
- Juhnke, M.E. & E. des Jardin. 1989. Selective medium for isolation of *Xanthomonas maltophilia* from soil and rhizosphere environments. *Applied and Environmental Microbiology* 55(3): 747 – 750.
- Jurado, M., M. J. Lopez, F. Suarez-Estrella, M. C. Vargas-Garcia, J. A. Lopez-Gonzalez, & J. Moreno. 2014. Exploiting composting biodiversity: Study of the persistent and biotechnologically relevant microorganisms from lignocellulose-based composting. *Bioresource Technology* 162: 283-293.
- Karmiati, M., L. I. Fadillah, R. Seurianto. 2020. Distribusi Perdagangan Komoditas Cabai Merah Indonesia. BPS RI, Jakarta.
- Khan, K. A., S. U. Nabi, N. A. Bhat, and F. A. Bhat. 2018. Chilli wilt disease: a serious problem in chilli cultivation in India. *Indian Farmer* 5(9): 988-991.
- Kharat, B. A., M. S. Said, & S. G. Dastager 2022. Antifungal compound from marine *Serratia marcescens* BKACT and its potential activity against *Fusarium* sp. *International Microbiology* 25: 851-862.
- Kowalska-Krochmal, B. & R. Dudek-Wicher. 2021. The minimum inhibitory concentration of antibiotics: methods, interpretation, clinical relevance. *Pathogens* 10(2): 1-21.



Kusuma, B. K. U. D. & Ngadiman. 2023. Isolasi dan identifikasi bakteri kompos berdaya antagonistik terhadap patogen tular tanah. Fakultas Pertanian, Universitas Gadjah Mada. Skripsi.

Li, J., C. Wang, W. Liang, & S. Liu. 2021. Rhizosphere microbiome: the emerging barrier in plant-pathogen interactions. *Frontier in Microbiology* 12: 1-9.

Li, Y., S. Xiao, D. Feng, Y. Deng, & W. Xuan. 2022. Effects of sweet potato intercropping in banana orchard on soil microbial population diversity. *Annals of Microbiology* 72(46): 1-11.

Luo, Y., H. P. J. V. Veelen, S. Chen, V. Sechi, A. t. Heijne, A. Veeken, C. J. N. Buisman, & T. M. Bezemer. 2022. Effects of sterilization and maturity of compost on soil bacterial and fungal communities and wheat growth. *Geoderma* 409: 1-10.

Lutz, S., B. Thuerig, T. Oberhaensil, J. Mayerhofer, J. G. Fuchs, F. Widmer, F. M. Freimoser, & C. H. Ahrens. 2020. Harnessing the microbiomes of suppressive composts for plant protection: from metagenomes to beneficial microorganisms and reliable diagnostics. *Frontiers in Microbiology* 11; 1-15.

Maha, H. L., K. R. Sinaga, & Masfria. 2018. Formulation and evaluation of miconazole nitrate nanoemulsion and cream. *Asian Journal of Pharmaceutical and Clinical Research* 11(3): 319-321.

Malahayati, N. & Y. M. R. Ambarita. 2019. Distribusi Perdagangan Komoditas Cabai Merah Indonesia tahun 2019. BPS RI, Jakarta.

Maramis, A. Y. 2018. Dampak impor cabai dari Tiongkok terhadap perekonomian Indonesia tahun 2010-2015. *Jurnal Online Mahasiswa FISIP* 5(1): 1-15.

Mardalena, J. & Edidas. 2021. Rancang bangun sistem penyiraman cabe merah menggunakan perangkat mobile berbasis Internet of Things. *Journal Vocational teknik Elektronika dan Informatika* 9(3): 1-5.

Metha, C. M., V. Gupta, S. Singh, R. Srivastava, E. Sen, M. Romantschuk, & A. K. Sharma. 2011. Role of microbiologically rich compost in reducing biotic and abiotic stresses. *Microorganisms in Environmental Management* 113-134.

Misika. 2019. Uji angka lempeng total (ALT) bakteri pada selai buah kemasan plastik yang dijual di wilayah Sumber Kabupaten Cirebon. *Jurnal An nasher* 1(1): 1-12.

Mukhlis. 2014. Biodegradasi bahan organik oleh mikroba dan pengaruhnya terhadap tanaman padi di lahan gambut. *AGRIC* 26(1&2): 37-44.

Mulyono, A., K. Ratnaningrum, & I. D. Kurniati. 2019. Effectiveness comparison of bitter melon fruit (*Momordica charantia* L.) extract with 2% ketoconazole in inhibiting *Pityrosporum ovale* growth in vitro. *International Conference on Food Science & Technology* 292: 1-6.



Muslim, A. 2019. Pengendalian Hayati Patogen Tanaman dengan Mikroorganisme Antagonis. Undri Press, Palembang.

Neate, S. 2004. In Search of Recipe for Disease Suppressive Soil. A Project of Agricultural Bureau of South Australia. [http://www.betteroils.com.au/modul4/4\\_5.html](http://www.betteroils.com.au/modul4/4_5.html), Diakses pada 3 Desember 2023.

Ntougias, S., K. K. Papadopoulou, G. I. Zervakis, N. Kavroulakis, & C. Ehaliotis. 2008. Suppression of soil-borne pathogens of tomato by composts derived from agro-industrial wastes abundant in Mediterranean regions. *Biology and Fertility of Soils* 44: 1081-1090.

Nurbaya, T. Kuswinanti, Baharuddin, A. Rosmana, & S. Millang. 2015. Eksplorasi *Fusarium* spp yang berasosiasi dengan *Aquillaria* spp di Kabupaten Nunukan Kalimantan Utara. Prosiding Seminar Nasional Mikrobiologi Kesehatan dan Lingkungan.

Nurkarimah, I., R. Nurapriliani, Y. Regita, & F. Hilmi. 2023. Kajian penyakit latu fusarium pada tanaman cabai merah (*Capsicum annuum*) dan upaya pengendaliannya di Kampung Hegarmanah Desa Cipinang. Proceedings UIN Sunan Gunung Djati Bandung 4(9): 1-13.

Okungbowa, F. I., dan H. O. Shittu. 2016. *Fusarium* wilts: an overview. *Environmental Research Journal* 6(2): 83-102.

Onwosi, C. O., V. C. Igbokwe, J. N. Odimba, I. E. Eke, M. O. Nwankwoala, I. N. Iroh & L. I. Ezeogu. 2017. Composting technology in waste stabilization: on the methods, challenges and future prospects. *Journal of Environmental Management* 190: 140-157.

Ossowicki, A., V. Tracanna, M. L. C. Petrus, G. V. Wezel, J. M. Raaijmakers, M. H. Medema, & P. Garbeva. 2020. Microbial and volatile profiling of soils suppressive to *Fusarium culmorum* of wheat. *The Royal Society Publishing* 1-10.

Pandita, D., M. A. Bhat, S. Mir, N. Jabeen, A. Anwar, K. Hussain, N. A. Dar, S. Q. Dar, & M. Y. Wani. 2019. Screening of traditional chilli cultivars of Kashmir for *Fusarium* wilt resistance. *International Journal of Chemical Studies* 7(1): 1501-1503.

Pane, C. R. Sorrentino, R. Scotti, M. Molisso, A. D. Matteo, G. Celano, & M. Zaccardelli. 2020. Alpha and beta-diversity of microbial communities associated to plant disease suppressive functions of on-farm green composts. *Agriculture* 10(4): 1-11.

Pane, C., G. Celano, A. Piccolo, D. Villecco, R. Spaccini, A. M. palese, & M. Zaccardelli. 2015. Effects of on-farm composted tomato residues on soil biological activity and yields in a tomato cropping system. *Chemical and biological technologies in Agriculture* 2(4): 1-13.

Pergola, M., A. Piccolo, A. M. Palese, C. Ingrao, V. D. Meo, & G. Celano. 2018. A combined assessment of the energy, economic and environmental issues associated with on-farm



manure composting processes: two case studies in South of Italy. Journal of Cleaner Production 172: 3969-3981.

Pietschmann, S., K. Hoffmann, M. Voget, & U. Pison. 2009. Synergistic effects of miconazole and polymyxin b on microbial pathogens. Veterinary Research Communications 33(6): 489-505.

Pot, S., C. D. Tender, S. Ommeslag, I., Delcour, J. Ceusters, E. Gorrens, J. Debode, B. Vandecasteele, & K. Vancampenhout. 2021. Understanding the shift in the microbiome of composts that are optimized for a better fit-for-purpose in growing media. Frontiers in Microbiology 12: 1-18.

Prastia, B. & B. Putra. 2020. Respon pertumbuhan, dan hasil tanaman cabai merah sistem tumpang sari rumput gajah, kunyit, dan bawang dayak dengan menggunakan teknologi intensif dan cara biasa. Jurnal Sains Agro 5(2): 1-13.

Pujol, I., J. Guarro, J. Gene, & J. Sala. 1997. In-vitro antifungal susceptibility of clinical and environmental *Fusarium* spp. strains. Journal of Antimicrobial Chemotherapy 39: 163 – 167.

Putri, S. M., I. Anas, F. Hazra, & A. Citraresmini. 2010. Viabilitas inokulan dalam bahan pembawa gambut, kompos, arang batok dan zeolit yang disteril dengan iradiasi sinar gamma co-60 dan mesin berkas elektron. Jurnal tanah dan Lingkungan 12(1): 23-30.

Queendy. V, dan R. M. Roza. 2019. Aktivitas antifungi isolat aktinomiseta arboretum universitas riau terhadap jamur *Fusarium Oxysporum* f.sp *lycopersici* dan *Ganoderma Boninense*. Al-Kauniyah: Journal of Biology 12(1): 73-88.

Rostini, N. 2011. 6 Jurus Bertanam Cabai Bebas Hama dan Penyakit. AgroMedia Pustaka, Jakarta.

Ryckeboer, J., J. Mergaert, J. Coosemans, K. Deprins, & J. Swings. 2003. Microbiological aspects of biowaste during composting in a monitored compost bin. Journal of Applied Microbiology 94(1): 127-137.

Sari, S. P., dan S. L. Purnamaningsih. 2020. Pematahan dormansi benih menggunakan KNO<sub>3</sub> dan H<sub>2</sub>O pada beberapa genotip cabai rawit (*Capsicum frutescens L.*). Jurnal Produksi Tanaman 8(7): 626-632.

Sada, D. Y. & Mariyah. 2023. Analisis perilaku konsumen dalam pembelian cabai merah (*Capsicum annuum L.*) di SayurYuk.com Kota Samarinda. Prosiding Seminar Nasional Pertanian 3(1): 20-24.

Salwan, R., M. Sharma, A. Sharma, & V. Vivek Sharma. 2023. Insights into plant beneficial microorganism-triggered induced systemic resistance. Plant Stress 7: 1-11.



- Satria, N., Wardati, & M. A. Khoiri. 2015. Pengaruh pemberian kompos tandan kosong kelapa sawit dan pupuk NPK terhadap pertumbuhan bibit tanaman gaharu (*Aquilaria malaccensis*). Jurnal Online Mahasiswa Faperta 2(1): 1-14.
- Sausa, F., C. Nascimento, D. Ferrera, S. Reis, & P. Costa. 2023. Reviving the interest in the versatile drug nystatin: a multitude of strategies to increase its potential as an effective and safe antifungal agent. Advanced Drug Delivery Reviews 199: 1-35.
- Schonfeld, J., A. Gelsomino, L. S. V. Overbeek, A. Gorissen, K. Smalla, & J. D. V. Elsas. 2003. Effects of compost addition and simulated solarisation on the fate of *Ralstonia solanacearum* biovar 2 and indigenous bacteria in soil. FEMS Microbiology Ecology 43(1): 63-74.
- Siegel-Hertz K., V. Edel-Hermann, E. Chapelle, S. Terrat, J. M. Raaijmakers, & C. Steinberg. 2018. Comparative microbiome analysis of a Fusarium wilt suppressive soil and a Fusarium wilt conducive soil from the Chateaurenard region. Frontiers in Microbiology 9: 1-16.
- Simanungkalit, R. D. M., D. A. Suriadikarta, R. Saraswati, D. Setyorini, & W. Hartatik. 2006. Pupuk Organik dan Pupuk Hayati. Balai Besar Penelitian dan Perkembangan Sumberdaya Lahan Pertanian, Jawa Barat.
- Simaremare, P. 2019. Aplikasi kompos sampah kota untuk perbaikan sifat fisik tanah dan produksi kelapa sawit di Kecamatan Silinda Kabupaten Serdang Bedagai. Fakultas Pertanian, Universitas Sumatera Utara. Thesis Master.
- Steel, H., T. Moen, B. Vandecasteele, F. Hendrickx, S. D. Neve, D. A. Neher, & W. Bert. 2018. Factors influencing the nematode community during composting and nematode-based criteria for compost maturity. Ecological Indicator 85: 409-421.
- Stella, M. and M. Sashikala. 2016. Benefical microorganism isolated from vegetable compost. Journal of Tropical Agriculture and Food Science 44: 277-293.
- Stotz, H. U., D. Brotherton, & J. Inal. 2022. Communication is key: extracellular vesicles as mediators of infection and defence during host–microbe interactions in animals and plants FEMS Mikrobiology Reviews 46(1): 1-18.
- Sumarni, N. dan A. Muhamar. 2005. Budidaya Tanaman Cabai Merah. Balai Penelitian Tanaman Sayuran, Bandung.
- Suparman. 2007. Model-model Berkebun Sayuran. Bekasi Ganeca Exact, Bekasi.
- Sutarini, N. L. W., I. K. Sumiartha, N. W. Suniti, I. P. Sudjarta, G. N. A. S. Wirya, M. S. Utama. 2015. Pengendalian penyakit layu *Fusarium* pada tanaman cabai besar (*Capsicum annuum L.*) dengan kompos dan pupuk kandang yang dikombinasikan dengan *Trichoderma* sp. di rumah kaca. E-Jurnal Agroekoteknologi Tropika. 4(2): 1-10.



Sutejo, A. M., A. Priyatmojo, & A. Wibowo. 2008. Identifikasi morfologi beberapa spesies jamur fusarium. Jurnal Perlindungan Tanaman 14(1): 7-13.

Syamsi, N., N. D. Kuswytasari, & M. Shovitri. 2019. Pengaruh 1 ppm ion Fe<sup>2+</sup> dan variasi pH terhadap aktivitas alkane hidroksilase jamur *Aspergillus terreus*. Jurnal Sains dan Seni ITS 8(2): 2337 – 3520.

Tang, J., N. Maie, Y. Tada, & A. Katayama. 2006. Characterization of the maturing process of cattle manure compost. Process Biochemistry 41(2): 380-389.

Taufik, M. 2008. Efektivitas agens antagonis *Trichoderma* sp. pada berbagai media tumbuh terhadap penyakit layu tanaman tomat. Prosiding Seminar Ilmiah dan Pertemuan Tahunan PEI PFI XIX Komisariat Daerah Sulawesi Selatan.

Trejo-Lopez, J. A., E. Rangel-Vargas, C. A. Gomez-Aldapa, J. R. Villagomez-Ibarra, R. N. Falfan-Cortes, O. A. Acevedo-Sandoval, & J. Castro-Rosas. 2022. Isolation and molecular identification of *Serratia* strains producing chitinases, glucanases, cellulases, and prodigiosin and determination of their antifungal effect against *Colletotrichum siamense* and *Alternaria alternata* in vitro and on mango fruit. International Journal of Plant Biology 13(3): 281-297.

Trillas, M. I., E. Casanova, L. Cotxarrera, J. Ordovas, C. Borrero, & M. Aviles. 2006. Composts from agricultural waste and the *Trichoderma asperellum* strain T-34 suppress *Rhizoctonia solani* in cucumber seedlings. Biological Control 39(1): 32-38.

Ulya, H., R. S. Ferinah, & S. Darmanti. 2020. Respons fisiologi tanaman cabai (*Capsicum annuum*) var. Lembang 1 terhadap infeksi *Fusarium oxysporum* pada umur tanaman yang berbeda. Buletin Anatomi dan Fisiologi, 5(2): 174-182.

Ulya, H., S. Darmanti, R. S. Ferniah. 2020. Pertumbuhan daun tanaman cabai (*Capsicum annuum L.*) yang diinfeksi *Fusarium oxysporum* pada umur tanaman yang berbeda. Jurnal Akademika Biologi 9(1): 1-6.

Waithaka, P.N., E.M. Gathuru, B.M. Githaiga, & C.O. Ouma. 2018. Microbial degradation of maize waste materials using actinomycetes isolated from Egerton University soils, Njoro in Kenya. International Research Journal of Biological Sciences 1(1): 31 – 36.

Widiarti, W., E. Wulandari, & P. Rahardjo. 2016. Respons vigor benih dan pertumbuhan awal tanaman tomat terhadap konsentrasi dan lama perendaman asam klorida (HCl). Agritop: Jurnal Ilmu-ilmu Pertanian 14(2): 151 – 160.

Wu, X., Y. Shan, Y. Li, Q. Li, & C. Wu. 2020. The soil nutrient environment determines the strategy by which *Bacillus velezensis* HN03 suppresses *Fusarium* wilt in banana plants. Frontiers in Plant Science 11: 1-19.

Yu, Y., Y. Gui, C. Jiang, J. Guo, & D. Niu. 2022. Induced systemic resistance for improving plant immunity by beneficial microbes. Plants 11(3): 1-19.