

Daftar Pustaka

- Badan Pusat Statistik (BPS). 2025. *Statistik Ekspor Impor Provinsi Sulawesi Selatan 2024*. Vol 8. Tahun 2025. ISSN 2597-3924.
- FAO. (2004). *International Standards for Phytosanitary Measures No. 11: Pest Risk Analysis for Quarantine Pests*. Food and Agriculture Organization of the United Nations.
- FAO. (2007a). *Guidelines for Pest Risk Analysis*. International Standards for Phytosanitary Measures No. 2. Food and Agriculture Organization of the United Nations.
- FAO. (2007b). *Guidelines for Pest Risk Analysis*. International Standards for Phytosanitary Measures No. 2. Food and Agriculture Organization of the United Nations.
- IPPC. (2009). *Pest Risk Analysis for Quarantine Pests*. International Plant Protection Convention.
- International Plant Protection Convention (IPPC). 1995. *Guidelines for Pest Risk Analysis*. FAO. Roma
- Kumala MT. 2018. Pengaruh Globalisasi Terhadap Regulasi Tentang Karantina Tumbuhan di Indonesia. *Perspektif*. 23(3): 142-149.
- Munif A. 2012. Perspektif dan Inisiatif Pengembangan Perlakuan Karantina Tumbuhan. *Makalah Seminar Hasil Uji Terap*. Jawa Barat.
- Phillips, D., Chandrashekar, M. & Roberts, W.P. 1994. Pest risk analysis and its implications for pest and disease exclusion from Australia. *Australasian Plant Pathology*. (23): 97–105 (1994). <https://doi.org/10.1071/APP9940097>
- Pusposendjojo N. 1995. Karantina Tumbuhan di Indonesia dalam Masa Perdagangan Bebas. *Jurnal Perlindungan Tanaman Indonesia*. 11 (1): 60-65.
- Soliman T., Mourits M.C.M., Oude Lansink A.G.J.M, van der Werf W. 2010. Economic impact assessment in pest risk analysis. *Crop Protection*. (29) 6: 517-524. <https://doi.org/10.1016/j.cropro.2009.12.014>.

Daftar Pustaka

- Asrul, A., 2020. Virulensi Beberapa Isolat *Pantoea Ananatis* Penyebab Penyakit Hawar Daun Bakteri (bacterial leaf blight) pada Varietas Bawang Merah. *Agromix*, 11(2), 136-150. <https://doi.org/10.35891/agx.v11i2.1946>
- Bezabih, G., Satheesh, N., Fanta, S. W., Wale, M., & Atlabachew, M., 2022. Reducing Postharvest Loss Of Stored Grains Using Plant-Based Biopesticides: a Review of Past Research Efforts. *Advances in Agriculture*, 2022, 1-16. <https://doi.org/10.1155/2022/6946916>
- He, T., Xu, T., Muhae-Ud-Din, G., Guo, Q., Liu, T., Chen, W., and Gao, L., 2022. Itraq-Based Proteomic Analysis Of Wheat (*Triticum Aestivum*) Spikes in Response to *Tilletia Controversa* Kühn and *Tilletia Foetida* Kühn Infection, Causal Organisms of Dwarf Bunt and Common Bunt of Wheat. *Biology*, 11(6), 865. <https://doi.org/10.3390/biology11060865>
- Hess, W. M. And Weber, D. J., 2001. The Partition Layer of Common Bunt Teliospores. *Microscopy and Microanalysis*, 7(S2), 174-175. <https://doi.org/10.1017/s1431927600026945>
- Hikmawati A, Hasrianty, and Shahabuddin., 2013. Kajian Jenis Pengorok Daun (*Iiriomyza* sp.) (diptera: agromizydae) pada Berbagai Tanaman Inang di Lembah Palu. *E-J. Agrotekbis*, 1 (3) : 204-210
- Hyun, I.H.; Heo, N.Y.; Lee, Y.H. 2004. Illustrated Manual on Identification of Seed-Borne Fungi. *National Plant Quarantine Service*, Anyang, Korea. 178 pp.
- Isnainingsih NR dan Marwoto RM., 2011. Keong Hama Pomacea di Indonesia: Karakter Morfologi dan Sebarannya (mollusca, gastropoda: ampullariidae). *Berita Biologi*, 10(4): 441-447
- Kataria, R. And Kaundal, R., 2022. Weconet: a Host–Pathogen Interactome Database for Deciphering Crucial Molecular Networks of Wheat-Common Bunt Cross-Talk Mechanisms. *Plant Methods*, 18(1). <https://doi.org/10.1186/s13007-022-00897-9>
- Kulu, I. P., Rahayu, D. S., dan Surawijaya, P., 2022. Efektivitas Pemberian Ekstrak Daun Pepaya (*Carica papaya* L.) Terhadap Intensitas Serangan Hama Pada Tanaman Tomat (*Solanum lycopersicum* L.). *Jurnal Hama dan Penyakit Tumbuhan*, 10(4), 194-200. <https://doi.org/10.21776/ub.jurnalhpt.2022.010.4.5>
- Kurniawardhani AB., 2021. Sejarah Organisasi Ekonomi Internasional : World Trade Organization (WTO). *Jurnal Pendidikan Sejarah*, 9(1): 49-53.
- Lemic, D., Mikac, K. M., Genda, M., Jukic, Z., and Zivkovic, I. P., 2020. Durum Wheat Cultivars Express Different Level of Resistance to Granary Weevil, *Sitophilus granarius* (coleoptera; curculionidae) Infestation. *Insects*, 11(6), 343. <https://doi.org/10.3390/insects11060343>
- Mahmuddin., 2013. Paradigma Pembangunan Pertanian : Pertanian Berkelanjutan Berbasis Petani Dalam Perspektif Sosiologis. : 59–76
- Mulyadi, Bambang RTP, Triman B, dan Indarti S., 2003. Identifikasi Nematoda Sista Kuning (*Globodera rostochiensis*) pada Kentang di Batu,

- Jawa Timur. *Jurnal Perlindungan Tanaman Indonesia*. 9(1):46-53
- Pemuda, I., Purnawati, A., & Mujoko, T., 2022. Deteksi Cendawan Terbawa Benih Gandum Asal Australia Menggunakan Metode Blotter Test. *Agritrop : Jurnal Ilmu-Ilmu Pertanian (Journal of Agricultural Science)*, 20(1), 38-47. <https://doi.org/10.32528/agritrop.v20i1.6975>
- Putri, E. R. M., 2023. Penggunaan Alat Pelindung Diri Berpengaruh Terhadap Kerusakan DNA Pada Petani Penyemprot Pesticida di Kecamatan Wuluhan, Kabupaten Jember. *Jember Medical Journal*, 2(2), 93-100. <https://doi.org/10.19184/jembermedicaljournal.v2i2.438>
- Quijano, C. D., Wichmann, F., Schlaich, T., Fammartino, A., Huckauf, J., Schmidt, K., and Sautter, C., 2016. Kp4 to Control Ustilago Tritici in Wheat: Enhanced Greenhouse Resistance to Loose Smut and Changes in Transcript Abundance of Pathogen Related Genes in Infected Kp4 Plants. *Biotechnology Reports*, 11, 90-98. <https://doi.org/10.1016/j.btre.2016.08.002>
- Rauf A, Maryana N, Winayasa IW, Sosromarsono S., 1987. Bionomi Kutu Loncat Lamtoro, *Heteropsylla cubana crawford* (homoptera: psyllidae) diBogor. *COMM-AG*. 1 (1):25-34
- Ren, Z., Chen, A. J., Zong, Q., Du, Z., Guo, Q., Liu, T., and Gao, L. 2023. Microbiome Signature of Endophytes in Wheat Seed Response to Wheat Dwarf Bunt Caused by *Tilletia controversa* Kühn. *Microbiology Spectrum*, 11(1). <https://doi.org/10.1128/spectrum.00390-22>
- Salunke, B. K., Prakash, K., Vishwakarma, K. S., & Maheshwari, V. L., 2009. Plant Metabolites: an Alternative and Sustainable Approach Towards Post Harvest Pest Management in Pulses. *Physiology and Molecular Biology of Plants*, 15(3), 185-197. <https://doi.org/10.1007/s12298-009-0023-9>
- Sidharta V, Tambunan RM, Azwar, Ghaniyyu A., 2021. Suatu Kajian : Pembangunan Pertanian Indonesia. *Jurnal.umj.ac.id/index.php/fbc*. 2 (2): 229-235.
- Suputa., 2008. *Karantina Tumbuhan*. Program Studi Ilmu Hama Tumbuhan Fakultas Pertanian Universitas Gadjah Mada. Yogyakarta
- Susilowati., 2016. Fenomena Penuaan Petani dan Berkurangnya Tenaga Kerja Muda Serta Implikasinya Bagi Kebijakan Pembangunan Pertanian. *Forum penelitian Agro Ekonomi*, 34(1): 35.
- Tasrif, A., Taufik, M., and Dikin, A. 2023. Quarantine Border Management of *Tilletia* Associated with Wheat Grain: Indonesia Perspective. *Plant Pathology & Quarantine*, 13(1), 1-10. <https://doi.org/10.5943/ppq/13/1/1>
- Vijayan, R., Vidhya C. S., Ramkumar, Saurabh, Sarkar, N. S., Maheshwari, S., & Brajendra., 2023. Use of Botanicals Plant for Stored Grain Pest Management: a Critical Review. *International Journal of Plant & Soil Science*, 35 (21), 801 -809. <https://doi.org/10.9734/ijpss/2023/v35i214047>

Daftar Pustaka

- Abdullah T, Nasruddin A, and Agus N., 2017. Populations of Rice Grain Bug, *Paraeuscosmetus pallicomis*, (hemiptera: lygaeidae) in Weed-Free Paddy Field, Weedy Paddy Field and Paddy Dykes. *Tropical Life Sciences Research*. 28(2): 1–7.
- Adriani, E., Rauf, A., and Pudjianto, P., 2020. Influence of Host Stage on Oviposition, Development, and Sex Ratio of *Anagyrus lopezi* (de santis) (hymenoptera: encyrtidae), a Parasitoid of The Cassava Mealybug, *Phenacoccus manihoti* matile-ferrero (hemiptera: pseudococcidae). *Jurnal Hama Dan Penyakit Tumbuhan Tropika*, 20(2), 130-139. <https://doi.org/10.23960/jhptt.220130-139>
- Ahmed, S., Hong Lau, W., Gul Khadem, A., Adam, N. A., and Sinniah, U. R., 2024. Evaluation of Fermented Plant Extracts as Bioinsecticides in Controlling *Phenacoccus solenopsis* colonies on Hibiscus Rosa-Sinensis Under Laboratory Conditions. *Pertanika Journal of Tropical Agricultural Science*, 47(2), 343-358. <https://doi.org/10.47836/pjtas.47.2.03>
- Arizala, D., Dobhal, S., Alvarez, A. M., and Arif, M., 2022. Elevation of *Clavibacter michiganensis* subsp. *californiensis* to species level as *Clavibacter californiensis* sp. Nov., merging and re-classification of *Clavibacter michiganensis* subsp. *chilensis* and *Clavibacter michiganensis* subsp. *Phaseoli* as *Clavibacter chilensis* sp. Nov. Based on complete genome in-silico analyses.. <https://doi.org/10.1101/2022.01.17.476658>
- Badan Karantina Pertanian., 2007. *Pedoman Surveilensi Organisme pengganggu Tumbuhan (OPT) atau Organisme Pengganggu Tumbuhan Karantina (OPTK)*. Departemen Pertanian. Jakarta
- Brown, S. E., Knudson, D. L., and Ishimaru, C. A., 2002. Linear Plasmid in the Genome of *Clavibacter michiganensis* subsp. *Sepedonicus*. *Journal of Bacteriology*, 184(10), 2841-2844. <https://doi.org/10.1128/jb.184.10.2841-2844.2002>
- Djaenuddin N dan Amran M., 2015. Epidemiologi dan Pengelolaan Penyakit Layu Bakteri pada Tanaman Jagung. *Jurnal Litbang Pertanian*. 37(2):41-48
- Djaenuddin, N., Muis, A., and Nonci, N., 2018. Screen House Test of Eight Biopesticide Formulation *Bacillus Subtilis* Against Downy Mildew, *Peronosclerospora Philipinensis*, on Corn Plant. *Jurnal Hama dan Penyakit Tumbuhan Tropika*, 18(1), 51. <https://doi.org/10.23960/j.hptt.11851-56>
- Drew, R. A. I., Raghu, S., and Halcoop, P. J., 2008. Bridging the Morphological and Biological Species Concepts: Studies on the *Bactrocera dorsalis* (hendel) complex (diptera: tephritidae: dacinae) in South-East Asia. *Biological Journal of the Linnean Society*, 93(2), 217-226. <https://doi.org/10.1111/j.1095-8312.2007.00952.x>
- Fanani, M. Z., Rauf, A., Maryana, N., Nurmansyah, A., and Hindayana, D., 2019. Geographic Distribution of the Invasive Mealybug *Phenacoccus manihoti*

- and its Introduced Parasitoid *Anagyrus Lopezi* in Parts of Indonesia. *Biodiversitas Journal of Biological Diversity*, 20(12). <https://doi.org/10.13057/biodiv/d201238>
- Gehring, I., Wensing, A., Gernold, M., Wiedemann, W., Coplin, D. L., and Geider, K., 2014. Molecular Differentiation of *Pantoea stewartii* subsp. *Indologenes* from subspecies *stewartii* and Identification of New Isolates From Maize Seeds. *Journal of Applied Microbiology*, 116(6), 1553-1562. <https://doi.org/10.1111/jam.12467>
- Huang, P., Yao, J., Lin, Y., and Yu, D., 2021. Pathogenic Characteristics and Infection-related Genes of *Metarhizium Anisopliae* fm-03 Infecting *Planococcus lilacinus*. *Entomologia Experimentalis Et Applicata*, 169(5), 437-448. <https://doi.org/10.1111/eea.13036>
- Hudiwaku, s., Himawan, T., and Rizali, A., 2021. Diversity and species composition of fruit flies (diptera: tephritidae) in lombok island, indonesia. *Biodiversitas Journal of Biological Diversity*, 22(10). <https://doi.org/10.13057/biodiv/d221054>
- Kalqutny, S. H., Pakki, S., dan Muis, A., 2020. Potensi pemanfaatan teknik molekuler berbasis dna dalam penelitian penyakit bulai pada jagung. *AGROSAINSTEK: Jurnal Ilmu Dan Teknologi Pertanian*, 4(1), 17-27. <https://doi.org/10.33019/agrosainstek.v4i1.107>
- Kaparang, C. L., Pelealu, J., and Salaki, C. L., 2011. Populasi dan intensitas serangan *paraecosmetus pallicornis* pada tanaman padi di kabupaten minahasa selatan. *Eugenia*, 17(3). <https://doi.org/10.35791/eug.17.3.2011.3540>
- Lapaz, A. D. M., Lisboa, L. A. M., Viana, R. D. S., Ferreira, L., Yoshida, C. H. P., Aguilar, J. V., dan Figueiredo, P. A. M. D., 2019. Alterations in leaf ultrastructure in varieties of sugarcane infected by diseases. *Journal of Agricultural Science*, 11(11), 223. <https://doi.org/10.5539/jas.v11n11p223>
- Lee, N. E., Chung, I., and Park, J., 2010. A case of *pantoea endophthalmitis*. *Korean Journal of Ophthalmology*, 24(5), 318. <https://doi.org/10.3341/kjo.2010.24.5.318>
- McMaugh T., 2007. *Pedoman surveilensi organisme pengganggu tumbuhan di Asia dan Pasifik*. ACIAR. Australia
- Mirsam H, Supramana, Gede Suastika. 2015. Identifikasi nematoda parasit pada tanaman wortel di dataran tinggi malino, sulawesi selatan berdasarkan pada ciri morfologi dan morfometrik. *J Fitopatol*. 11 (3): 85-90
- Rahmini, R., Munawar, D., Senoaji, W., and Baliadi, Y., 2017. Bio-ecology of slender black rice bug, *paraecosmetus pallicornis* in south sulawesi. *KnE Life Sciences*, 2(6), 648. <https://doi.org/10.18502/cls.v2i6.1087>
- Royer, J. E., 2021. *Bactrocera musae* (banana fruit fly). <https://doi.org/10.1079/cpc.8725.20210102209>
- Rustiani US, Sinaga MS, Hidayat SH, dan Wiyono S. 2015. Tiga spesies peronosclerospora penyebab penyakit bulai jagung di Indonesia. *Berita Biologi*. 14(1)

- Saputra, H. And Afriyansyah, B., 2021. Distribution and identification of fruit flies (diptera: tephritidae) attracted on methyl euganol and cue lure in central bangka regency, bangka belitung. *Jurnal Hama Dan Penyakit Tumbuhan Tropika*, 21(1), 72-81. <https://doi.org/10.23960/jhptt.12172-81>
- Sjam, S., Rosmana, A., Dewi, V. S., Sari, D. E., Tresnaputra, U. S., & Herawati, A. 2017. Oviposition deterrent and ovicidal properties of calotropis gigantea (L.) leaf extract to paraeucosmetus pallicornis (dallas) in rice. *Journal of Plant Protection Research*, 57(3), 243-247. <https://doi.org/10.1515/jppr-2017-0034>
- Soomro, D. M., Solangi, B. K., Alhilfi, A. Z. A., Kapri, A. Q., Ishfaque, M., Rajput, I. A., & Khani, M. Q. 2022. Parasitism performance of aenasius bambawalei (hayat) on phenacoccus solenopsis (tinsley). *Proceedings of the Pakistan Academy of Sciences: B. Life and Environmental Sciences*, 59(1), 31-35. [https://doi.org/10.53560/ppasb\(59-1\)691](https://doi.org/10.53560/ppasb(59-1)691)
- Stumpf, S., Kvitko, B. H., Gitaitis, R. D., & Dutta, B. 2018. Isolation and characterization of novel pantoea stewartii subsp. Indologenes strains exhibiting center rot in onion. *Plant Disease*, 102(4), 727-733. <https://doi.org/10.1094/pdis-08-17-1321-re>
- Subekti D, Hidayat SH, Damayanti TH, Purwono. 2020. Penyebaran virus utama tebu di lampung dan sulawesi selatan. *JIPi*. 25 (1): 60–66
- Supratiwi, R., Apriyadi, R., & Asriani, E. 2020. Fruit flies (diptera: tephritidae) diversity in horticultural farm of merawang sub-district, bangka district, bangka belitung islands. *Jurnal Hama Dan Penyakit Tumbuhan Tropika*, 20(1), 61-70. <https://doi.org/10.23960/j.hptt.12061-70>
- Telle, S., Shivas, R. G., Ryley, M. J., & Thines, M. 2011. Molecular phylogenetic analysis of peronosclerospora (oomycetes) reveals cryptic species and genetically distinct species parasitic to maize. *European Journal of Plant Pathology*, 130(4), 521-528. <https://doi.org/10.1007/s10658-011-9772-8>
- Valentino, H., Damayanti, T. A., Nurulita, S., Kurniawati, F., Sartiami, D., Harahap, I. S., ... & Aziz, R. 2023. Detection and identification of viruses associated to mealybug wilt pineapple in blitar, east java, indonesia. *IOP Conference Series: Earth and Environmental Science*, 1208(1), 012013. <https://doi.org/10.1088/1755-1315/1208/1/012013>
- Vennila, S., Deshmukh, A. J., Pinjarkar, D., Agarwal, M., Ramamurthy, V. V., Joshi, S., ... & Bambawale, O. M. 2010. Biology of the mealybug, phenacoccus solenopsis on cotton in the laboratory. *Journal of Insect Science*, 10(115), 1-9. <https://doi.org/10.1673/031.010.11501>
- Yeturi, S. And Velazhahan, R. 2016. Biological control of downy mildew of maize caused by peronosclerospora sorghi under environmentally controlled conditions. *Journal of Applied and Natural Science*, 8(1), 279-283. <https://doi.org/10.31018/jans.v8i1.786>
- Zarkani, A., Fauzi, A., Apriyanto, D., & Kaydan, M. B. 2023. Mealybugs (hemiptera, coccomorpha, pseudococcidae) on parasitic plants (loranthaceae) in indonesia with description of a new species and a new country record. *ZooKeys*, 1167, 199-210. <https://doi.org/10.3897/zookeys.1167.106012>

Daftar Pustaka

- Badan Karantina Pertanian. 2021. *Pedoman Analisa Risiko Organisme Pengganggu Tumbuhan Berdasarkan berdasarkan Media Pembawa*. Kementan. Jakarta
- Baker R, Cannon R, Bartlett P dan Barker I. 2005. Novel Strategies for Assessing and Managing the Risks Posed by Invasive Alien Species to Global Crop Production and Biodiversity. *Annals of Applied Biology*, 146, 177–191.
- FAO. 1999. International Standards for Phytosanitary Measures Publication No. 11: Pest Risk Analysis for Quarantine Pests, Including Analysis of Environmental Risks and Living Modified Organisms. Secretariat of the International Plant Protection Convention, Food and Agriculture Organisation of the United Nations, Rome
- FAO. 2001. International Standards for Phytosanitary Measures Publication No. 2: Guidelines for Pest Risk Analysis. Secretariat of the International Plant Protection Convention, Food and Agriculture Organisation, United Nations, Rome
- Kurniasih KT. 2012. *Analisa Risiko Organisme Pengganggu Tumbuhan *Pantoea Stewartii**. Pusat Karantina Tumbuhan dan Keamanan Hayati Nabati. Badan Karantina Pertanian. Kementerian Pertanian. Jakarta.
- Siwi SS. 2006. Peran ilmu Biotaksonomiserangga Dalam Pembangunan Pertanian Berkelanjutan Di Era Globalisasi. *Berita Biologi*, 8 (1):1-18
- WTO. 1995. SPS Agreement. World Trade Organisation Agreement on the Application of Sanitary and Phytosanitary Measures. World Trade Organisation, Geneva, Switzerland.