

DAFTAR PUSTAKA

- Amteme, K., & Tefa, A. (2018). Jurnal Pertanian Konservasi Lahan Kering International Standard of Serial Number 2477-7927 K. In *Amteme & A. Tefa / Savana Cendana* (Vol. 3, Issue 1).
- Arie, T. (2019). *Fusarium* diseases of cultivated plants, control, diagnosis, and molecular and genetic studies. *Journal of Pesticide Science*, 44(4). <https://doi.org/10.1584/JPESTICS.J19-03>
- Awad, Y.M., Abdullah, A.A., Bayoumi, T.Y., Abd-Esalam, K., & Hassanien, A.E. (2015). Early Detection of Powdery Mildew Disease in Wheat (*Triticum aestivum* L.) Using Thermal Imaging Technique. Springer International Publishing Switzerland. DOI: https://doi.org/10.1007/978-3-319-11310-4_66
- Baranowski, P., Jedryczka, M., Mazurek, W., Babula-Skoweonska, D., Slediiska, A., & Kaczmarek, J. (2015). Hyperspectral and Thermal Imaging of Oilseed Rape (*Brassica napus*) Response to Fungal Species of the Genus *Alternaria*. Plos One. <https://doi.org/10.1371/journal.pone.0122913>
- Bejo-Khairunniza, S., Azman, N., & Jamil, N. (2016). Paddy grading using thermal imaging technology. *International Food Research Journal* 23(Suppl): S245- S248. <https://www.researchgate.net/publication/313738138>
- Belin, E., Douarre, C., Gillard, N., Franconi, F., Rojas-Varela, J., Chapeau-Blondeau, F., Demilly, D., Adrien, J., Maire, E., & Rousseau, D. (2018). Evaluation of 3D/2D imaging and image processing techniques for the monitoring of seed imbibition. *Journal of Imaging*, 4(7). <https://doi.org/10.3390/jimaging4070083>
- Chang, X., Li, X., Meng, H., Li, H., Wu, X., Gong, G., Chen, H., Yang, C., Zhang, M., Liu, T., Chen, W., & Yang, W. (2022). Physiological and metabolic analyses provide insight into soybean seed resistance to *Fusarium fujikuroi*, causing seed decay. *Frontiers in Plant Science*. <https://doi.org/10.3389/fpls.2022.993519>
- Dumont, J., Hirvonen, T., Heikkinen, V., Mistretta, M., Granlund, L., Himanen, K., Fauch, L., Poralli, I., Hiltunen, J., Keski-Saari, S., Nygren, M., Oksanen, E., Hauta-Kasari, M., & Keinanen, M. (2015). Thermal and hyperspectral imaging for Norway spruce (*Picea abies*) seeds screening. *Computers and Electronics in Agriculture*, 116, 118-124. <http://dx.doi.org/10.1016/j.compag.2015.06.010>
- ElMasry, G., ElGamal, R., Mandour, N., Gou, P., Al-Rejaie, S., Belin, E., & Rousseau, D. (2020). Emerging thermal imaging techniques for seed quality evaluation: Principles and applications. In *Food Research International* (Vol. 131). Elsevier Ltd. <https://doi.org/10.1016/j.foodres.2020.109025>
- Fluke Corporation. (2024). *iSee TC01A Thermal Camera – Product Manual & Specifications*. Retrieved from <https://www.fluke.com/en-us/product/thermal-cameras/isee-tc01a>

- Gebeyaw, M. (2020). Review on: Impact of Seed-Borne Pathogens on Seed Quality. *American Journal of Plant Biology*, 5(4), 77. <https://doi.org/10.11648/j.ajpb.20200504.11>
- Hassanzad, M., & Hajian-Tilaki, K. (2024). Methods of determining optimal cut- point of diagnostic biomarkers with application of clinical data in ROC analysis: an update review. *BMC Medical Research Methodology* volume 24, Article number: 84 (2024). <https://doi.org/10.1186/s12874024021982>
- Ishimwe, R., Abutaleb, K., & Ahmed, F. (2014). Applications of Thermal Imaging in Agriculture—A Review. *Advances in Remote Sensing*, 03(03), 128–140. <https://doi.org/10.4236/ars.2014.33011>
- Kamarudin, A.N., Cox, T., & Kaolamunnage-Dona, R. (2017). Time-dependent ROC curve analysis in medical research: current methods and applications. *BMC Medical Research Methodology*. <https://doi.org/10.1186/s12874-017-0332-6>
- Lipinska, E., Pobiega, K., Piwowareg, K., & Blazejak, S. (2022) Research on the Use of Thermal Imaging as a Method for Detecting Fungal Growth in Apples. *MDPI. Horticulturae* 2022, 8(10), 972; <https://doi.org/10.3390/horticulturae8100972>
- Liu, L., Wang, Z., Li, J., Zhang, X., & Wang, R. (2020). A Non-Invasive Analysis of Seed Vigor by Infrared Thermography. *MDPI. Plants* 2020, 9, 768; <https://doi.org/10.3390/plants9060768>
- Lyzr Team. (2024). Cross-Validation. <https://www.lyzr.ai/glossaries/cross-validation/> Diakses pada 18 Juli 2025 jam 23.56
- Men, S., Yan, L., Liu, J., Qian, H., & Luo, Q. (2017). A classification method for seed viability assessment with infrared thermography. *Sensors (Switzerland)*, 17(4). <https://doi.org/10.3390/s17040845>
- Mancini, V., Murolo, S., & Romanazzi, G. (2016). Diagnostic methods for detecting fungal pathogens on vegetable seeds. *Review. Plant Pathology* (2016) 65, 691–703. <https://doi.org/10.1111/ppa.12515>
- Mohd Ali, M., Hashim, N., Aziz, S. A., & Lasekan, O. (2020). Emerging non- destructive thermal imaging technique coupled with chemometrics on quality and safety inspection in food and agriculture. In *Trends in Food Science and Technology* (Vol. 105, pp. 176–185). Elsevier Ltd. <https://doi.org/10.1016/j.tifs.2020.09.003>
- Mulyani, R.B., Surawijaya, P., Hairani, M., Djaya, A.A., & Pandriyani. (2023). Deteksi dan Identifikasi Jamur Patogen Terbawa Benih Varietas Padi Lokal di Kabupaten Kapuas. *Jurnal AGRI PEAT*, Vol. 24 No. 1, Maret 2023:9–17. <https://doi.org/10.36873/agp.v24i1.5580>.
- Mustajab, R. (2024). Data Sebaran Produksi Padi dan Beras di Indonesia pada 2023. <https://dataindonesia.id/agribisnis-kehutanan/detail/data-sebaran-produksi-padi-dan-beras-di-indonesia-pada-2023>. Diakses 19 Juni 2024. Jam 12.40.

- Nielsen, L. 2023. *Fusarium* Wilt, Blight, and Rot: Treatment & Control. <https://www.epicgardening.com/fusarium-wilt/> Diakses pada 24 Januari 2025 jam 21.16.
- Pamekas, T., Supanjani, & Lumbangtungkup, D.M. (2021). Membangun Sinergi antar Perguruan Tinggi dan Industri Pertanian dalam Rangka Implementasi Merdeka Belajar Kampus Merdeka. Seminar Nasional dalam Rangka Dies Natalis ke-45 UNS Tahun 2021. Vol 5, No. 1 (2021).
- Putri, D.A., Darnetty, Nelly, N. (2019). Pengendalian *Fusarium* fujikuroi Penyebab Penyakit Bakanae pada Padi dengan Filtrat Biakan *Trichoderma harzianum*. Jurnal Proteksi Tanaman (Journal of Palnt Protection). Vol 3 No.1 (2019): 100 – 109. ISSN : 2580-0604.
- Ramdan, E.P. & Kalsum, U. (2017). Inventarisasi Cendawan Terbawa Benih Padi, Kedelai, dan Cabai. Jurnal Pertanian Presisi 1 (1), 2017. ISSN 2597 6087.
- Rippa, M., Pasqualini, A., Curcio, R., Mormile, P., & Pane, C. (2023). Active vs. Passive Thermal Imaging for Helping the Early Detection of Soil-Borne Rot Diseases on Wild Rocket [*Diplotaxis tenuifolia* (L.) D.C.]. MDPI. Plants 2023, 12, 1615. <https://doi.org/10.3390/plants12081615>
- Sharma, N. 2024. *Fusarium* Wilt: Causes, Symptoms, Disease Cycle, Control. <https://microbenotes.com/fusarium-wilt/> Diakses 03012024 jam 10.41
- Sidik, E.F. (2021) Identifikasi Cendawan Terbawa Benih Padi Menggunakan Blotter test dan Preparasi Metode Selotip. VIGOR: Jurnal Ilmu Pertanian Tropika dan Subtropika 6 (2) : 60-67 (2021). <https://doi.org/10.31002/vigor.v6i2.4482>
- Singh, A.R., Boopathi, T., Singh, S.B., Dutta, S.K., Singh, L.S., Lungmuana, Saha, S., & Singh, N.H. (2018). *Seed Borne Mycoflora of Tribal Saved Hill Rice, Oryza sativa in Mizoram, Northeastern of India*. Indian Journal of Hill Farming, 31(2), 248-256. <http://epubs.icar.org.in>, www.kiran.nic.in; ISSN: 0970-6429
- Sobianti, S., Soesanto, L., & Hadi, S. (2020). Inventarisasi Jamur Patogen Tular- Benih Pada Lima Varietas Padi. Agro Bali: Agricultural Journal. Volume 3 No. 1: 1-15. E-ISSN 2655-853X. <https://doi.org/10.37637/ab.v3i1.416>
- Srivastava, S. (2025). Evaluating Logistic Regression Models: Precision, Recall, F1-Score, ROC-AUC, and Regularization. <https://medium.com/@srivastavashivansh8922/evaluating-logistic-regression-models-precision-recall-f1-score-roc-auc-and-regularization-152f5e947e53> Diakses 26 Juni 2026 jam 13.53.
- Sudewi, S., Ala, A., & Muhammad Farid, dan. (2020). Keragaman Organisme Pengganggu Tanaman (OPT) pada Tanaman Padi Varietas Unggul Baru (VUB) dan Varietas Lokal pada Percobaan Semi Lapangan. *Jurnal Agrikultura*, 2020(1), 15–24.
- Sukapiring, D.N., Soekarno, B.P.W., & Yuliani, T.S. (2016). Potensi Metabolit Sekunder Cendawan Endofit Tanaman Cabai sebagai Penghambat *Fusarium* sp. Patogen Asal Biji Secara in Vitro.. Jurnal Fitopatologi Indonesia. Volume 12, Nomor 1, Januari 2016. <https://doi.org/10.14692/jfi.12.1.1>

- Tahmasebi, A., Roach, T., Shin, S.Y., & Lee, C.W. (2023). *Fusarium solani* infection disrupts metabolism during seed germination of roselle. *Front. Plant Sci.*, 08 August 2023. *Sec. Crop and Product Physiology*. Volume 14 - 2023 | <https://doi.org/10.3389/fpls.2023.1225426>
- Tsedaley, B. (2015). Review on Seed Health Tests and Detection Methods of Seedborne Diseases. 5(5). www.iiste.org
- Tumangger, B.S., Baiduri, N., Nadila, F., Fitriani, & Mardina, V. (2018). Uji Potensi Cendawan Endofit Asal Mangrove Sebagai Bioprotektan terhadap pathogen *Fusarium* sp. pada Tanaman Padi Hitam (*Oryza sativa* L “Cempo Ireng”) Secara In Vitro. *Jurnal Jeumpa*, Vol. 5, No. 1, Juli 2018.
- Vishunavat, K., Prabakar, K., & Anand, T. (2023). Seed Health: Testing and Management. In *Seed Science and Technology: Biology, Production, Quality* (pp. 335–364). Springer Nature. https://doi.org/10.1007/978-981-19-5888-5_14
- Walascha, A., Febriana, A., Saputri, D., Sri Nur Haryanti, D., Tsania, R., & Sanjaya, Y. (2021). *Review Artikel: Inventarisasi Jenis Penyakit yang Menyerang Daun Tanaman Padi (Oryza sativa L.)*. Negeri Padang, U., Riset Biologi dalam Pendidikan dan Pengembangan Sumber Daya Lokal, I., *Prosiding SEMNAS BIO 2021*
- Zahrah, S. (2016). *Identifikasi Gejala Penyakit Padi Menggunakan Operasi Morfologi Citra*. <https://www.researchgate.net/publication/314248789>