

DAFTAR PUSTAKA

- Abdelnour-Esquivel, A., Perez, J., Rojas, M., Vargas, W., & Gatica-Arias, A. (2020). Use of gamma radiation to induce mutations in rice (*Oryza sativa* L.) and the selection of lines with tolerance to salinity and drought. *In Vitro Cellular and Developmental Biology - Plant*, 56(1), 88–97. <https://doi.org/10.1007/s11627-019-10015-5>
- Adriansyah, F., Hanum, L., Muharni, M., & Windusari, Y. (2019). Pendekatan PCR-RAPD dalam Menentukan Kekerabatan dan Konservasi Padi Varietas Lokal Sumatera Selatan. *Jurnal Lahan Suboptimal*, 7(1), 50–58. <https://doi.org/10.33230/jlso.7.1.2018.347>
- Choi, H. Il, Han, S. M., Jo, Y. D., Hong, M. J., Kim, S. H., & Kim, J. B. (2021). Effects of acute and chronic gamma irradiation on the cell biology and physiology of rice plants. *Plants*, 10(3), 1–14. <https://doi.org/10.3390/plants10030439>
- Dash, S., & Kujur, M. (2024). Impact of Gamma Irradiation on Biochemical and Physiological Characteristics of Black Rice. *Current Agriculture Research Journal*, 11(3), 813–825. <https://doi.org/10.12944/carj.11.3.12>
- Ganda Elsandro Tumanggor, Iswahyudi, & Ainul Mardiyah. (2022). Pertumbuhan, Produksi Dan Karakter Genetik Padi Kultivar Silesio Generasi M-2 Hasil Iradiasi Sinar Gamma. *Jurnal Penelitian Agrosamudra*, 9(2), 31–40. <https://doi.org/10.33059/jupas.v9i2.6519>

- Hartono, A., Firdaus, M., Purwono, P., Barus, B., Aminah, M., & Simanihuruk, D. M. P. (2022). Evaluasi Dosis Pemupukan Rekomendasi Kementerian Pertanian untuk Tanaman Padi. *Jurnal Ilmu Pertanian Indonesia*, 27(2), 153–164. <https://doi.org/10.18343/jipi.27.2.153>
- Herlina, J. H. (2024). DOSIS IRADIASI SINAR GAMMA TERHADAP PERTUMBUHAN PADI MENTIK WANGI GENERASI M7 Dosage of Gamma Ray Irradiation on The Growth Of M7 Generation Mentik. *Jurnal Agrium*, 21(2), 171–177.
- khatun, M. A., Razzak, M., hossain, M. A., Rahman, M. A., Khan, R. A., & Huque, R. (2021). Gamma radiation application to rice: Reduced glyceimic index in relation to modified carbohydrate observed in FTIR spectra. *Current Research in Food Science*, 4(October 2020), 11–17. <https://doi.org/10.1016/j.crfs.2020.12.002>
- Lu, Y., Wang, B., Zhang, M., Yang, W., Wu, M., Ye, J., Ye, S., & Zhu, G. (2024). Exogenous Brassinolide Ameliorates the Adverse Effects of Gamma Radiation Stress and Increases the Survival Rate of Rice Seedlings by Modulating Antioxidant Metabolism. *International Journal of Molecular Sciences*, 25(21). <https://doi.org/10.3390/ijms252111523>
- Mahmudi, K., Sholikhah, N., Amalia, T. C. N., Febrianty, W., Bulan, S. R. S., Anggraini, M. A. S., & Prihandono, T. (2024). Potensi Penggunaan Radiasi Sinar Gamma Pada Pertumbuhan Tanaman Padi. *OPTIKA: Jurnal Pendidikan Fisika*, 8(1), 36–46. <https://doi.org/10.37478/optika.v8i1.3427>

- Mergono Adi Ningrat, Carolina Diana Mual, & Yohanis Yan Makabori. (2021). Pertumbuhan dan Hasil Tanaman Padi (*Oryza sativa L.*) pada Berbagai Sistem Tanam di Kampung Desay, Distrik Prafi, Kabupaten Manokwari. *Seminar Nasional Pembangunan Dan Pendidikan Vokasi Pertanian*, 2(1), 325–332. <https://doi.org/10.47687/snppvp.v2i1.191>
- Santoso, Nasution, a., Utami, D. W., Hanarida, I., Ambarwati, a. D., Moeljopawiro, S., & D, T. (2005). Variasi Genetik dan Spektrum Virulensi Patogen Blas pada Padi Asal Jawa Barat dan Sumatera. *Penelitian Pertanian Tanaman Pangan*, 26(Zeigler 1998), 150–155. http://www.litbang.deptan.go.id/special/padi/jpntp_2007_2603_2.pdf
- Suliantini, N. W. S., Sapitri, M., Sudika, I. W., Aryana, I. G. P. M., & Sudharmawan, A. A. K. (2022). Karakterisasi dan Keragaman Genetik Mutan Padi Inpago Unram 1 Generasi Kedua (M2) Akibat Iradiasi Sinar Gamma. *Jurnal Sains Teknologi & Lingkungan*, 8(2), 124–136. <https://doi.org/10.29303/jstl.v8i2.364>
- Taher, Y. A. (2021). Dampak Pupuk Organik dan Anorganik terhadap Perubahan sifat kimia tanah dan produksi tanaman padi (*Oryza sativa L.*). *Jurnal Menara Ilmu*, 15(2), 67–76.
- Wahyudi, & Indrawanis, E. (2025). Response of Total Number of Tillers, Plant Height, and Dry Straw Weight of Jangguik rice Genotypes (*Oryza sativa*) With Gamma Ray Irradiation Treatment. *Jurnal Agronomi Tanaman Tropika (Juatika)*, 7(1). <https://doi.org/10.36378/juatika.v7i1.4126>