

DAFTAR PUSTAKA

- Asmono, S. L., Wardana, R., & Rahmawati. (2021). Optimasi metode sterilisasi eksplan daun kopi arabika (*Coffea arabica* L.) dan robusta (*Coffea canephora* var. *robusta* Chev.) secara *in vitro*. Jurnal Ilmiah Inovasi, 21(3), 140-145. <https://doi.org/10.25047/jii.v21i3.2916>
- Asmono, S. L., Wardana, R., & Rahmawati. (2022). Optimization of the sterilization method for leaf explant Robusta BP 308 coffee *in vitro*. IOP Conference Series: Earth and Environmental Science, 980, 012001. <https://doi.org/10.1088/1755-1315/980/1/012001>
- Asni Setiani, N., Nurwinda, F., & Astriany, D. (2018). Pengaruh desinfektan dan lama perendaman pada sterilisasi eksplan daun sukun (*Artocarpus altilis*). Biotropika: Journal of Tropical Biology, 6(3), 78-82.
- Badan Pusat Statistik. (2024). Statistik Kopi Indonesia 2023. Jakarta: Badan Pusat Statistik.
- Campos, N. A., Panis, B., & Carpentier, S. C. (2017). Somatic embryogenesis in coffee: The evolution of biotechnology and the integration of omics technologies offer great opportunities. Frontiers in Plant Science, 8, 1460. <https://doi.org/10.3389/fpls.2017.01460>
- Chika, S., Ismaini, L., & Armanda, D. T. (2022). Explant sterilization technique of *Castanopsis argentea* with the addition of ascorbic acid and sodium hypochlorite *in vitro*. Berkala Ilmiah Biologi, 13(2), 32-41.
- Duncan, D. B. (1955). Multiple range and multiple F tests. Biometrics, 11(1), 1-42.
- Freeman, G. H., & Halton, J. H. (1951). Note on an exact treatment of contingency, goodness of fit and other problems of significance. Biometrika, 38(1/2), 141-149.
- George, E. F., Hall, M. A., & De Klerk, G. J. (2008). Plant Propagation by Tissue Culture (3rd ed.). Dordrecht: Springer.
- Hamdani, S., Rahayu, R., & Yusnita. (2020). Teknik sterilisasi eksplan tunas kentang Granola (*Solanum tuberosum* L.) untuk kultur *in vitro*. Jurnal Agrotek Tropika, 8(3), 357-366.
- Handayani, A. T., Sandra, E., & Faizah, H. (2022). Optimasi sterilisasi eksplan daun tanaman lidah mertua (*Sansevieria* sp.) pada kultur *in vitro*. Bioscientist: Jurnal Ilmiah Biologi, 10(1), 109-124.

- Kusbianto, D. E., Irsyadi, M. B., Hasanah, R., & Az-Zahra, R. (2025). Effectiveness of sterilization methods of coffee leaf explants (*Coffea canephora* var. Milo Pace) to decrease contamination and browning *in vitro*. *Journal of Soilscape and Agriculture*, 3(2).
- Lubis, T., Harahap, F., Damanik, J. F., Batubara, W. A., Adelia, I., Apriliani, D., & Sohada, U. (2025). Optimalisasi sterilisasi eksplan daun kopi Arabika Sidikalang (*Coffea arabica* L.) untuk penanaman *in vitro*. *Bioscientist: Jurnal Ilmiah Biologi*, 13(3), 2216-2233. <https://doi.org/10.33394/bioscientist.v13i3.17664>
- Murashige, T., & Skoog, F. (1962). A revised medium for rapid growth and bio assays with tobacco tissue cultures. *Physiologia Plantarum*, 15(3), 473-497. <https://doi.org/10.1111/j.1399-3054.1962.tb08052.x>
- Simbolon, Y. A. R., Harahap, F., Malau, S. G., Sembiring, D. C., Khairani, W., Sitanggang, U. A., & Nadeak, S. M. (2026). Optimasi sterilisasi eksplan daun kopi robusta (*Coffea canephora*) asal Sidikalang untuk penanaman *in vitro*. *Metamorfosa: Journal of Biological Sciences*, 12(2), 148-164. <https://doi.org/10.24843/metamorfosa.2025.v12.i02.p5>
- Sulichantini, E. D., Nazari, A. P. D., & Nuanyah, A. (2024). Identifikasi kontaminasi kultur jaringan pisang Cavendish. *Jurnal Agrotek Tropika*, 12(2), 400-409. <https://doi.org/10.23960/jat.v12i2.6721>
- Yusnita. (2003). *Kultur Jaringan: Cara Memperbanyak Tanaman Secara Efisien*. Jakarta: Agromedia Pustaka.