

DAFTAR PUSTAKA

1. Kusminah, I. L. Penyuluhan 4r (Reduce , Reuse , Recycle , Replace) dan Kegunaan Bank Sampah Sebagai Langkah Menciptakan Lingkungan yang Bersih dan Ekonomis di Desa Mojowuku Kabupaten Gresik. *J. Pengabd. Masyarakat LPPM Untag Surabaya* 2018, 03 (01), 22 – 28.
2. Thapa, P.; Hasnine, T.; Zoungana, A.; Thakur, S.; Yuan, Q. Food Waste Treatments and the Impact of Composting on Carbon Footprint in Canada. *Fermentation* 2022, 8, 1–10.
3. Kusumaningtiar, D. A.; Vionalita, G.; Swamilaksita, P. D. Household Solid Waste Management and Composition in Bekasi , Indonesia. *Open Access Maced. J. Med. Sci.* 2022, 10 (E), 1472–1475.
4. Lisda Ariyanti; Purwana Satriyo; Lina Rahmawati. Pertumbuhan Tanaman Kangkung Air (Ipomea Aquatic Forks) Pada Sistem Hidroponik Nutrient Film Technique (Nft) Nakasipan Dinas Pangan Aceh. *Kenanga J. Biol. Sci. Appl. Biol.* 2022, 2 (1), 26–38.
5. Nitasari, L.; Farhatul Wahidah, B. Perbandingan Pertumbuhan Tanaman Kangkung pada Media Hidroponik dan Media Tanah. *Pros. Semin. Nas. Biol. di Era Pandemi COVID-19* 2020, No. September, 423–427.
6. Suarsana, M.; Parmila, I. P.; Gunawan, K. A. Pengaruh konsentrasi nutrisi ab mix terhadap pertumbuhan dan hasil sawi pakcoy (. *Agro Bali* 2019, 2 (2), 98–105.
7. Esmaelilian, Y.; Behzad, M.; Tavassoli, A. Replacing chemical fertilizers with organic and biological ones in transition to organic farming systems in saffron (*Crocus sativus*) cultivation. *Chemosphere* 2022, 307 (July).
8. C. Arun a, P. S. optimization of parameters for the semi-continuous production of garbage enzyme from pre-consumer organic waste by green RP-HPLC method. *Waste Manag.* 2015, 28–33.
9. Gu S, Xu D, Zhou F, Chen C, Liu C, Tian M, J. A. The Garbage Enzyme with Chinese Hoenylocust Fruits Showed Garbage Enzyme Alone. *Foods* 2021, 10 (11), 2656.
10. Sambaraju, S.; Lakshmi, V. S. Materials Today: Proceedings Eco-friendly

- treatment of dairy wastewater using garbage enzyme. *Mater. Today Proc.* 2020, 33, 650–653.
11. Galintin, O.; Rasis, N. Production and Characterization of Eco Enzyme Produced from Fruit and Vegetable Wastes and its Influence on the Aquaculture Sludge. *Biointerface Res. Appl. Chem.* 2021, 11 (3), 10205–10214.
 12. Hasanah, Y.; Ginting, J.; Syahputra, A. S. Research article role of potassium source from eco enzyme on growth and production of shallot (*Allium ascalonicum* L.) varieties. *Asian J. Plant Sci.* 2022, 21 (1), 32–38.
 13. Sun, J.; Zhu, W.; Mu, B.; Zhong, J.; Lin, N.; Chen, S.; Li, Z. Efficient extraction of biodiesel feedstock and dehydration of kitchen waste: A method based on co-dissolution of liquefied dimethyl ether and water. *Waste Manag.* 2022, 147 (April), 22–29.
 14. Ho, K. S.; Chu, L. M. Characterization of food waste from different sources in Hong Kong. *J. Air Waste Manage. Assoc.* 2019, 69 (3), 277–288.
 15. Gusti, O. I.; Puger, N. Sampah Organik, Kompos, Pemanasan Global, dan Penanaman Aglaonema di Pekarangan. 2018, 1 (2), 127–136.
 16. Arun, C.; Sivashanmugam, P. Enhanced production of biohydrogen from dairy waste activated sludge pre-treated using multi hydrolytic garbage enzyme complex and. *Energy Convers. Manag.* 2018, 164 (December 2017), 277–287.
 17. Rahayu, M. R.; Muliarta, I. N.; Situmeang, Y. P. Acceleration of Production Natural Disinfectants from the Combination of Eco-Enzyme Domestic Organic Waste and Frangipani Flowers (*Plumeria alba*). *SEAS (Sustain. Environ. Agric. Sci.)* 2021, 05 (01), 15–21.
 18. Megah S. I. S., Dewi S. D., and W. E. The Utilization Of Household Waste Used For Medicine And Cleanliness. *Minda Baharu* 2018, 2 (1), 50–58.
 19. Muliarta, N. I.; Darmawan. Processing Household Organic Waste into Eco-Enzyme as an Effort to Realize Zero Waste. *Agriwar J.* 2021, 1 (1), 6–11.
 20. Rijal, M.; Surat; Amir, I.; Abdollah, A.; Lessy, A. B.; Troman, A. S.; Tanama, N. *Eco-enzyme dari limbah tanaman maluku*; LP2M IAIN Ambon, 2021.
 21. Salsabila, U.; Mardiana, D.; Indahyanti, E. Kinetika Reaksi Fermentasi Glukosa

- Hasil Hidrolisis Pati Biji Durian Menjadi Etanol. *J. Environ. Chem. Eng. Ilmu Kim. Univ. Brawijaya* 2013, 2 (1), 331–336.
22. Payumi; Tobing, O. L.; Yulianti, N.; Rochman, N. Growth and Production of Water Spinach (*Ipomea aquatica* Forsk) in various Types of Hydroponic Nutrition System NFT (Nutrient Film Technique). 2022, 3 (1), 66–76.
 23. Febriani, I.; Riskierdi, F.; Fevria, R. Penanaman Kangkung (*Ipomoea sp .*) dan Tanaman Hias dengan Hidroponik Sistem Wick dari Botol Kaca Planting Kale And Ornamental Plants With Wick System Hydroponics From Glass Bottles. 2022, 722–730.
 24. Andrian, D.; Tantawi, A. R.; Rahman, A. The Use of Liquid Organic Fertilizer As Growth Media and Production of Kangkung (*Ipomoea reptans* Poir) Hydroponics. *Budapest Int. Res. Exact Sci. J.* 2019, 1 (1), 23–34.
 25. Payumi, Oktavianus Lumban Tobing, Nani Yulianti, N. R. Growth and Production of Water Spinach (*Ipomea aquatica* Forsk) in Various Type of Hydroponic Nutrition System NFT (Nutrient Film Technique). *Indones. J. Appl. Res.* 2022, 3 (1), 66–76.
 26. Nirmalasari, R.; Fitriana. Perbandingan Sistem Hidroponik Antara Desain Wick (Sumbu) dengan Nutrient Film Tehnique (NFT) Terhadap Pertumbuhan Tanaman Kangkung *Ipomoeaaquatica*. *J. Ilmu Alam dan Lingkung.* 2018, 9 (18), 1–7.
 27. Putriani, J.; Karm, N.; Sari, V. N.; Fortuna, P. A.; Puspitasari, I.; Adiguna, D. Hidroponik Rakit Apung Di Desa Sungai Tarap, Kecamatan. *J. Compr. Sci.* 2022, 1 (2), 181–184.
 28. Ebele Rita Emendu, Arinze Jude Chinweub, O. C. C. and N. B. E. Analysis of Micro and Macro Nutrient Levels in Compost and Vermicompost Fertilizer Formulated from Selected Agro-waste and Comparative Assessment of the Fertilizer Efficiencie. *Acta Sci. Nutr. Heal.* 2021, 5 (2), 87–99.
 29. Huang, Z.; Guan, H.; Zheng, H.; Wang, M.; Xu, P.; Dong, S.; Yang, Y.; Xiao, J. Novel liquid organic fertilizer: A potential way to effectively recycle spent mushroom substrate. *J. Clean. Prod.* 2022, 376 (August), 134368.
 30. Madasur Subbabbhat Venkatesh, Kali Krishna Hazra, Probir Kumar Ghosh, Bhisham Lal Khuswah, Arakalagud Nanjundaiah Ganeshamurthy, Masood Ali,

- J. S. & R. S. M. Long-term effect of crop rotation and nutrient management on soil-plant nutrient cycling and nutrient budgeting in Indo-Gangetic plains of India. *Arch. Agron. Soil* 2017, 63 (14), 2007–2022.
31. Mutia Lisdiyanti, Sarifuddin, H. G. Pengaruh Pemberian Bahan Humat dan Pupuk SP-36 untuk Meningkatkan Ketersediaan Fosfor pada Tanah Ultisol. *J. Pertan. Trop.* 2018, 5 (2), 192–198.
 32. Phibunwatthanawong, T.; Riddech, N. Liquid organic fertilizer production for growing vegetables under hydroponic condition. *Int. J. Recycl. Org. Waste Agric.* 2019, 8 (4), 369–380.
 33. Indah Safitri Adnan, Bambang Utoyo, dan A. K. Pengaruh Pupuk NPK dan Pupuk Organik terhadap Pertumbuhan Bibit Kelapa Sawit (*Elaeis guineensis* Jacq.) di Main Nursery. *J. AGro Ind. Perkeb.* 2015, 3 (2), 69–81.
 34. Toonsiri, P., Del Grosso, S.J., Sukor, A., Davis, J. G. Greenhouse gas emissions from solid and liquid organic fertilizers applied to lettuce. *J. Environ. Qual.* 2016, 45 (6), 1812–1821.
 35. Purbaningtias, T. E.; Qayyumah, N. B.; Kurniawati, P.; Wiyantoko, B.; Widati, A. A. Comparative analysis method of C-organic in fertilizers by gravimetry and spectrophotometry. *AIP Conf. Proc.* 2018, 2026 (October).
 36. Angelova, V. R.; Akova, V. I.; Ivanov, K. I.; Licheva, P. A. Comparative Study of Titimetric Methods for Determination. *J. Int. Sci. Publications Ecol. Saf.* 2002, 8, 430–440.
 37. Agnesia, V.; Sulistyaningsih, T. Activities of Liquid Organic Fertilizer from the Date Juice Waste During Hydroponic Plant Growth. *Indones. J. Chem. Sci.* 2022, 11 (3), 279–289.
 38. Irawan, A. Kalibrasi Spektrofotometer sebagai Penjaminan Mutu Hasil Pengukuran dalam Kegiatan Penelitian dan Pengujian. *Indones. J. Lab.* 2019, 1 (2), 1–9.
 39. Sahumena, M. H.; Nurrohinta, E.; Jenderal, J.; No, S.; Gorontalo, K. Identifikasi jamu yang Beredar di Kota Kendari Menggunakan Metode Spektrofotometri UV-Vis. *J. Syifa Sci. Clin. Res.* 2020, 2 (September), 65–72.
 40. Yanlinastuti; Fatimah, S. Pengaruh Konsentrasi Pelarut Untuk Menentukan

- Kadar Zirkonium dalam Paduan U-Zr dengan Menggunakan Metode Spektrofotometri UV-Vis. *Pus. Teknol. Bahan Bakar Nukl.* 2016, No. 17, 22–33.
41. Emiliya, R.; Sinurat, J. P. Analisis Kadar Zat Besi (Fe) pada Kacang Kedelai (*Glycine max(L)*) dan Sari Kedelai Kemasan dengan Metode Spektrofotometri UV-Vis. *Farmatra J.* 2021, 4 (2), 558–565.
 42. Zackiyah. Spektrometri Ultra Violet atau Sinar Tampak (UV-Vis). In *Kimia Analitik Instrumen*; 2016; hal 1–46.
 43. Paudel, S. Atomic Absorption Spectroscopy: A Short Review. 2021, 7838 (September), 6–11.
 44. Dewi, L.; Hadisoebroto, G.; Anwar, K.; Farmasi, J.; Al-ghifari, U.; Atom, S. S. Penentuan Kadar Logam Timbal (Pb) dan tembaga (Cu) pada Sumber Air di Kawasan Gunung Salak Kabupaten Sukabumi dengan Metode Spektrofotometri Serapan Atom (SSA). 2021, 9 (2), 15–24.
 45. Sugito; Dewi Marliyan, S.; Diah Apriana, H. Uji Kinerja Instrumen Spektrofotometer Serapan Atom (AAS) Shimadzu 6650 F Terhadap. *J. Lab. Issn* 2022, 5 (2), 83–89.
 46. Harvey, D. Analytical Chemistry. In *Libre Text*; Northeastern University: California State, 2023; hal 10.4.1.
 47. Farida, D. *Pengaruh Penambahan Ragi Roti dan Ragi Tempe Pada Proses Fermentasi Sampah Organik Kubis Terhadap Pertumbuhan Tanaman Kangkung Darat (*Ipomoea reptans Poir*)*; Tegal, 2019.
 48. Yusmayanti, M.; Asmara, A. P. Analisis Kadar Nitrogen Pada Pupuk Urea ,. 2019, 1 (1), 28–34.
 49. Ispitasari, R.; Haryanti. Pengaruh Waktu Destilasi terhadap Ketepatan Uji Protein Kasar pada Metode. *Indones. J. Lab.* 2022, 5 (1), 39–43.
 50. Akib, M. A.; Setiawati, H. Fermentation of Whey Waste As Organic Liquid Fertilizer “Pucafu.” *Agrotech J.* 2017, 2 (2), 7–13.
 51. Mulyadi, Y.; Sudarno; Sutrisno, E. Studi penambahan air kelapa pada pembuatan pupuk cair dari limbah cair ikan terhadap kandungan hara makro C, N, P, dan K. *J. Tek. Lingkung.* 2019, 2 (4), 1–14.
 52. Zakiyah, Z. N.; Rahmawati, C.; Fatimah, I. Analysis Of Phosphorus And

- Potassium Levels In Organic Fertilizer In The Integrated Laboratory Of Jombang District Agriculture Office. *Indones. J. Chem. Res.* 2019, 3 (2), 38–48.
53. Salsabila, R. K.; Winarsih. Efektivitas pemberian ekoenzim kulit buah sebagai pupuk organik cair terhadap pertumbuhan tanaman sawi pakcoy (*Brassica rapa L.*). 2023, 12 (1), 50–59.
54. Amelia, E.; Arief, J.; Hakim, R. Preparasi Penentuan Kadar Logam Pb, Cd dan Cu dalam Nugget Ayam Rumput Laut Merah (*Eucheuma cottonii*). 2013, 2 (2), 6–8.
55. Sari, D. A. P.; Taniwiryono, D.; Andreina, R.; Nursetyowati, P.; Irawan, D. S. Pembuatan Pupuk Organik Cair dari Hasil Pengolahan Sampah Organik Rumah Tangga dengan Bantuan Larva Black Soldier Fly (BSF). *Agro Bali Agric. J.* 2022, 5 (1), 102–112.
56. Raden, I.; Fathillah, S. S.; Fadli, M.; Suyadi, S. Nutrient Content Of Liquid Organic Fertilizer (Lof) By Various Bioactivator And Soaking Time. *Nusant. Biosci.* 2017, 9 (2), 209–213.
57. Hidalgo-Ruz, V.; Gutow, L.; Thompson, R. C.; Thiel, M. Microplastics in the marine environment: A review of the methods used for identification and quantification. *Environ. Sci. Technol.* 2012, 46 (6), 3060–3075.
58. Sukawati, N.; Fevria, R.; Farma, S. A. The Effect Of Ecoenzyme Spraying On Plant Height And Leaf Area Of Pakcoy (*Brassica Rapa L .*) Cultivated Hydroponically Tinggi Tanaman Dan Luas Daun Tanaman Pakcoy (*Brassica Rapa L .*) Yang Dibudidayakan Secara Abstrak Pendahuluan. 2022, 7 (4), 251–256.