

DAFTAR PUSTAKA

- Alam, M., Ren, G., Lu, L., Zheng, Y., Peng, X., & Jia, Z. (2013). Conversion of upland to paddy field specifically alters the community structure of archaeal ammonia oxidizers in an acid soil. *Biogeosciences*, 10(8), 5739-5753. <https://doi.org/10.5194/bg-10-5739-2013>
- Alex, S. 2011. Sukses Mengolah Sampah Organik menjadi Pupuk Organik. Yogyakarta: Pustaka Baru Press.
- Bhattacharyya, Ranjan., S. Kundu., Ved Prakash., dan H. S. Gupta. 2008. Sustainability Under Combined Application of Mineral and Organic Fertilizers in a Rainfed Soybean-Wheat Systems of the Indian Himalayas. Europe. *J. Agronomy*, 28: 33-46
- Bukman, H. O. and N. C. Brady. 1982. Ilmu Tanah. Terjemahan Soegiman. Bhatara Karya Aksara. Jakarta.
- Chen, X., Zhang, L., Shen, J., Xu, Z., & He, J. (2010). Soil type determines the abundance and community structure of ammonia-oxidizing bacteria and archaea in flooded paddy soils. *Journal of Soils and Sediments*, 10(8), 1510-1516. <https://doi.org/10.1007/s11368-010-0256-9>
- Damanik M.M., B. E Hasibuan., Fauzi., Sarifuddin dan H. Hanum, 2010. Kesuburan Tanah dan Pemupukan. Universitas Sumatera Utara Press. Medan.
- Dhage, Shubhangi J., V.D Patil dan A.L. Dhamak. 2014. Influence of Phosphorus and Sulphur Levels on Nodulation, Growth Parameters and Yield of Soybean (*Glycine max L.*) Grown on Vertisol. *Asian Journal of Soil Science*, 9 (2): 244-249
- Epstein, E. dan Bloom, A.J. (2005). Mineral Nutrition of Plants: Principles and Perspectives. Sinauer Associates.
- F. Fajarditta, Sumarsono dan F. Kusmiyati. 2012. Serapan Unsur Hara Nitrogen Dan Phosphor Beberapa Tanaman Legum Pada Jenis Tanah Yang Berbeda. *Animal Agriculture Journal*, Vol. 1. No. 2, 2012, p 41 - 5
- Hafsi, C. et al. (2014). Interactions between potassium and nitrate in their uptake by plants. *Plant and Soil*, 374(1-2), 1-6.
- Hardjowigeno, S. 2015. Ilmu Tanah. Akademika Pressindo. Jakarta
- Hanafiah A,Ali K. 2014.Dasar Dasar Ilmu Tanah. Jakarta: Raja Grafindo Persada.

Herawati MS. 2015. Kajian Status kesuburan Tanah di Lahan Kakao Kampung

Klain Distrik Mayamuk Kabupaten Sorong. *Jurnal Agroforestri*, 10(2), 201–208.

Katili Hidayat A., dan S. N. M. (2021). Kesesuaian Lahan Untuk Pengembangan Padi Varietas Ranta dan Habo Kecamatan Batui Kabupaten Banggai. Katili, Hidayat A., 18(2), 38–45. <https://doi.org/10.24929/fp.v18i2.1632>

Liyanda, M., Karim, A., & Abubakar, Y. 2012. Analisi Kriteria Kesesuaian Lahan Terhadap Produksi Kakao pada Tiga Klaster pengembangan di Kabupaten Pidie. *Agrista*, 16(2), 62–79.

Marschner, H. 2012. Mineral Nutrition of Higher Plants. Academic Press. Mulyani.

2001. Vermikompos Pupuk Organik Berkualitas Dan Ramah Lingkungan. Instalasi Penelitian dan Pengkajian Teknologi Pertanian. Mataram.

Mengel, K. dan Kirkby, E.A. (2001). Principles of Plant Nutrition. Kluwer Academic Publishers.

Ramadhan, G.R., Usmadi, dan Fanata, W.I.D. 2020. Pengaruh pemupukan kalium terhadap pertumbuhan dan hasil beras kepala pada padi (*Oryza sativa L.*) varietas Merah Wangi. *Jurnal Ilmu Dasar* 21(1):61-66.

Rachmah, Z., Rengkung, M. M., & Lahamendu, V. (2018). Kesesuaian Lahan Permukiman di Kawasan Kaki Gunung Dua Sudara. *Jurnal Spasial*, 5(1), 118–129.

Robbo, A. Galib, M. 2023. EVALUASI KESESUAIAN LAHAN PADI SAWAH (*Oryza sativa L.*) DI KABUPATEN LUWU. *Jurnal Tanah dan Sumberdaya Lahan* Vol 10 No 2: 319-325

Rosalina, E. Nirwanto, Y. 2021. PENGARUH TAKARAN PUPUK FOSFOR (P) TERHADAP PERTUMBUHAN DAN HASIL BEBERAPA VARIETAS TANAMAN PADI (*Oryza sativa L.*). *Jurnal Media Pertanian*. Vol 6. No 1. 45-59.

Santoso, P. et al. (2017). Pemanfaatan Sistem Informasi Geografis (SIG) dalam Analisis Spasial Ketersediaan Unsur Hara Tanah di Jawa Barat, Indonesia.

Sarieff, S. 1986. Kesuburan dan Pemupukan Tanah Pertanian. Pustaka buana. Bandung.

Setiawan, A. et al. (2015). Pemodelan Distribusi Spasial Kandungan Unsur Hara Tanah di Lahan Pertanian di Sumatera Barat, Indonesia.

Shi, L., Tang, H., Wen, L., Sun, G., Cheng, K., Sun, M., ... & Li, W. (2023). Effects of long-term fertilizer practices on rhizosphere soil nitrogen mineralization in the double-cropping rice field. *Zeitschrift Für Allgemeine Mikrobiologie*, 63(7), 781-789. <https://doi.org/10.1002/jobm.202200655>

Suryantini, A. et al. (2019). Pemetaan Kelembaban Tanah dan Tekstur Tanah Menggunakan Citra Satelit di Daerah Aliran Sungai Ciliwung, Indonesia.

Soil Research Institute, 2011. National Soil Classification System. Definition of Great Soil Groups Condensed. Department of Agriculture. Bogor. Indonesia

Tang, H., Li, C., Shi, L., Wen, L., Cheng, K., Li, W., ... & Xiao, X. (2020). Functional soil organic matter fractions in response to long-term fertilizer management in a double-cropping paddy field of southern China. *The Journal of Agricultural Science*, 158(8-9), 730-738. <https://doi.org/10.1017/s0021859621000125>

Wang, M., Sha, C., Wu, J., Li, P., Tan, J., & Huang, S. (2021). Comparison of bacterial community in paddy soil after short-term application of pig manure and the corresponding organic fertilizer. *Land*, 11(1), 9. <https://doi.org/10.3390/land11010009>

White, P.J. dan Broadley, M.R. (2005). Potassium in Plants. Academic Press.

Wibowo, N. A., Tjahjana, B. E., Heryana, N dan Sakiroh. 2015. Peran Mikroorganisme dalam Pengelolaan Hara Terpadu pada Perkebunan Kakao. Bunga Rampai Inovasi Teknologi Bioindustri Kakao

Wu, Y., Liu, J., Lu, H., Wu, C., & Kerr, P. (2016). Periphyton: an important regulator in optimizing soil phosphorus bioavailability in paddy fields. *Environmental Science and Pollution Research*, 23(21), 21377-21384. <https://doi.org/10.1007/s11356-016-7363-0>

Wu, Y., Lu, L., Wang, B., Lin, X., Zhu, J., Cai, Z., & Jia, Z. (2011). Long-term field fertilization significantly alters community structure of ammonia- oxidizing bacteria rather than archaea in a paddy soil. *Soil Science Society of America Journal*, 75(4), 1431-1439. <https://doi.org/10.2136/sssaj2010.0434>

Xia, L., Li, X., Ma, Q., Lam, S., Wolf, B., Kiese, R.,& Yan, X. (2020). Simultaneous quantification of n₂, nh₃ and n₂o emissions from a flooded

paddy field under different n fertilization regimes. Global Change Biology, 26(4), 2292-2303. <https://doi.org/10.1111/gcb.14958>

Zorb, C., Senbayram, M. and Peiter, E. (2014) Potassium in Agriculture: Status and Perspectives. Journal of Plant Physiology, 171, 656-669.