

## DAFTAR PUSTAKA

- Adnan. (2018). Pertumbuhan dan hasil kubis bunga (*Brassica oleraceae*, L) akibat umur bibit yang berbeda dan pemberian berbagai dosis pupuk kompos. *Jurnal Penelitian*, 5(1), 1–13.
- Agency, H. (2010). *Method of Test for Specific Gravity of Soils State of California-Business, Transportation and Housing Agency Department of Transportation. August*, 1–5.
- Ahad, T., Kanth, T. A., & Nahi, S. (2015). Soil bulk density as related to texture, organic matter content and porosity in Kandi soils of district Kupwara (Kashmir valley), India. *International Journal of Scientific Research*, 4(1), 198–200.
- Aini, H. N., Prasmatiwi, F. E., & Sayekti, W. D. (2015). Analisis Pendapatan dan Risiko Usahatani Kubis pada Lahan Kering dan Lahan Sawah Tadah Hujan di Kecamatan Gisting Kabupaten Tanggamus. *Jurnal Ilmu-Ilmu Agribisnis*, 3(1), 1–9.
- Albert, H. A., Li, X., Jeyakumar, P., Wei, L., Huang, L., Huang, Q., Kamran, M., Shaheen, S. M., Hou, D., Rinklebe, J., Liu, Z., & Wang, H. (2021). Influence of biochar and soil properties on soil and plant tissue concentrations of Cd and Pb: A meta-analysis. *Science of the Total Environment*, 755, 142582. doi: 10.1016/j.scitotenv.2020.142582
- Appah, S., Jia, W., Ou, M., Wang, P., & Asante, E. A. (2020). Analysis of potential impaction and phytotoxicity of surfactant-plant surface interaction in pesticide application. *Crop Protection*, 127(September 2019), 104961. doi: 10.1016/j.cropro.2019.104961
- Aprilia, R. L., & Nugroho, R. J. (2021). RESPON DUA VARIETAS KUBIS (*Brassica oleracea* L.) DATARAN RENDAH TERHADAP DOSIS PUPUK NPK. *CERMIN: Jurnal Penelitian*, 5(1), 51. doi: 10.36841/cermin\_unars.v5i1.765
- Arsi, A., Ade, G., Sihite, P., Gustiar, F., Irmawati, I., Shk, S., Hamidson, H., Irsan, C., Suwandi, S., Pujiastuti, Y., Khodijah, K., Nurhayati, N., Umayah, A., Gunawan, B., Sukma, A. T., & Christian Bakkit, K. (2021). Pengaruh Tumpang Sari Cabai dengan Kubis terhadap Hama dan Penyakit Tanaman Cabai Di Desa Kerinjing Kota Pagar Alam. *Sustainable Urban Farming Guna Meningkatkan Kesejahteraan Masyarakat Di Era Pandemi*, 101113.
- Asnamawati, L. (2015). Strategi Percepatan Adopsi Dan Difusi Inovasi Dalam Pemanfaatan Mesin Tanam Padi Indojarwo Transplanter Di Kabupaten Bengkulu Utara Provinsi Bengkulu. *Universitas Terbuka Repostory*, 11(2), 50–57.
- Asril, M., Nirwanto, y, Purba, T., Mpia, L., Rohman, H. ., Sihan, A. S. ., Junairah, E. ., Sudarmi, N., Mahyati, & Mazlina. (2022). FullBookIlmuTanah. In Kita Menulis.
- Azi, P. Y., & Loda, W. (2023). *TOBAT EKOLOGIS : REKONSILIASI ATAS DOSA DISFUNGSI Paus Fransiskus melalui Dokumen Resmi Gereja Katolik Laudato Si menegaskan*. 2, 40–46.
- Bachtiar, B., Andi, D., Ahmad, H., Kunci, K., Seresah, :, Promi, A., & Kompos, J.

- (2019). Analisis Kandungan Hara Kompos Johar *Cassia siamea* Dengan Penambahan Aktivator Promi Analysis Of The Nutrient Content Of Compost *Cassia siamea* With Addition Of Activator Promi. *Jurnal Biologi Makassar*, 4(1), 68–76.
- Busscher, W. J. (2009). Field Estimation of Soil Water Content: A review. *Journal of Soil and Water Conservation*, 64(4), 116A-116A. doi: 10.2489/jswc.64.4.116a
- Carpio, M. J., Sánchez-Martín, M. J., Rodríguez-Cruz, M. S., & Marín-Benito, J. M. (2021). Effect of Organic Residues on Pesticide Behavior in Soils: A Review of Laboratory Research. *Environments*, 8(4), 32. doi: 10.3390/environments8040032
- Christian, L., Juwitasary, H., Putra, E. P., Fifilia, & Chandra, Y. U. (2018). Development Model Availability of Rice in Indonesia Using System Dynamics Approach. *Proceedings of 2018 International Conference on Information Management and Technology, ICIMTech 2018, September*, 560–564. doi: 10.1109/ICIMTech.2018.8528173
- Clothier, B., Jovanovic, N., & Zhang, X. (2020). Reporting on water productivity and economic performance at the water-food nexus. *Agricultural Water Management*, 237(xxxx), 106123. doi: 10.1016/j.agwat.2020.106123
- Dan, P., Tanaman, H., Brassica, K., Aplikasi, K., & Organik, P. (2021). *PERTUMBUHAN DAN HASIL TANAMAN KUBIS ( Brassica oleracea var. capitata ) PADA KOMBINASI APLIKASI PUPUK ORGANIK DAN ANORGANIK*. 23(1), 46–52.
- Dhaifulloh, A. D., Khayumi, B. I., Legawa, D. T., Muhammad, K. A. A., & Radianto, D. O. (2024). Dampak Penggunaan Pestisida Kimia Terhadap Kualitas Tanah dan Air Sungai di Daerah Pertanian. *Jurnal Publikasi Rumpun Teknik*, 2(2), 3031–5026. Retrieved from <https://doi.org/10.61132/venus.v2i2.280>
- Duan, C., Shi, P., Zong, N., Wang, J., Song, M., & Zhang, X. (2019). Feeding solution: Crop-livestock integration via crop-forage rotation in the southern Tibetan Plateau. *Agriculture, Ecosystems and Environment*, 284(March), 106589. doi: 10.1016/j.agee.2019.106589
- Duman, F., & Kar, M. (2012). Temporal variation of metals in water, sediment and tissues of the European chup (*Squalius cephalus* L.). *Bulletin of Environmental Contamination and Toxicology*, 89(2), 428–433. doi: 10.1007/s00128-012-0679-7
- Dupa, P. (2023). *Pengaruh Dosis KNO 3 Terhadap Pertumbuhan dan Hasil Bawang Merah di Tanah Gambut*. 7(1), 40–44.
- E-issn, J. I. P., & Patty, J. A. (2024). *Saloi Kerusakan Tanaman Kubis Akibat Serangan Hama *Crocidolomia Binotalis* di Desa Savanajaya , Kecamatan Waeapo , Kabupaten Buru Damage to Cabbage Plant Due to *Crocidolomia Binotalis* Pest Attack in Savanajaya Village , Waeapo District , Buru Regency*. 2(2).
- Fageria, N. K., & Baligar, V. C. (2008). Chapter 7 Ameliorating Soil Acidity of Tropical Oxisols by Liming For Sustainable Crop Production. *Advances in Agronomy*, 99(08), 345–399. doi: 10.1016/S0065-2113(08)00407-0

- Fahmi, T., & Sujitno, E. (2016). Perbaikan teknik budidaya tanaman kubis melalui penerapan teknologi konservasi pada lahan kering di kecamatan cikajang kabupaten garut. *Buletin Hasil Kajian*, 6(06), 18–21.
- Fatchullah, D. (2016). Pengaruh Jarak Tanam dan Kedalaman Tanam terhadap Pertumbuhan dan Hasil Tanaman Kentang (*Solanum tuberosum* L.) Generasi Dua (G2) Varietas Granola Effect of Plant Spacing and Planting Depth on Growth and Yield of Potatoes (*Solanum tuberosum* L.) Seco. *Prosiding Seminar Nasional Pengembangan Teknologi Pertanian*, 1(September), 95–105.
- Faverjon, L., Escobar-Gutiérrez, A. J., Litrico, I., & Louarn, G. (2017). A conserved potential development framework applies to shoots of legume species with contrasting morphogenetic strategies. *Frontiers in Plant Science*, 8(March), 1–14. doi: 10.3389/fpls.2017.00405
- Firdaus, J., & Subaryono. (2019). *Keselarasan Penggunaan Lahan terhadap Arahan Fungsi Pemanfaatan Lahan di Kabupaten Magelang Tahun*.
- Food, E., & Authority, S. (2025). Statement on MRLs for alpha-cypermethrin and screening of the existing EU MRLs for cypermethrin. *EFSA Journal*, 23(4), 1–22. doi: 10.2903/j.efsa.2025.9386
- Forest, D., Leuven, K. U., Soil, D., Manage-, W., & Leuven, K. U. (2000). *Walkley – Black analysis of forest soil organic carbon : recovery , limitations and uncertainty. 1982*.
- Gani, A., & Aceh, B. (2021). ANALISIS KANDUNGAN UNSUR HARA MAKRO DAN MIKRO PADA KOMPOS CAMPURAN KULIT PISANG DAN CANGKANG TELUR AYAM Abdul Gani\*, Siska Widiyanti, Sulastri. *Kimia Riset*, 6(1), 8–19.
- Gebeyaw, M., & Belete, S. (2020). Review on: Effect of different nitrogen rate on the growth and yield of cabbage (*Brassica oleracea* var L.). *International Journal of Research in Agronomy*, 3(2), 31–34. doi: 10.33545/2618060x.2020.v3.i2a.35
- Haerul, Idrus, M. I., & Djufri, N. A. (2021). Kelimpahan Hama Thrips (Thysanoptera) pada Cabai Sistem Tanam Monokultur dan Tumpangsari. *J. Agrotan*, 7(1), 25–32. Retrieved from <http://ejournals.umma.ac.id/index.php/agrotan/article/download/1109/797>
- Hair, J. F., Risher, J. J., Sarstedt, M., & Ringle, C. M. (2019). The Results of PLS-SEM Article information. *European Business Review*, 31(1), 2–24.
- Halawa, H. J., Sains, F., Teknologi, D., Nias, U., Sains, F., Teknologi, D., & Nias, U. (2024). *Pengaruh rotasi tanaman terhadap kualitas fisik tanah dan efesiensi penggunaan air. 01*, 107–112.
- Halwart, M., Bartley, D., Burlingame, B., Funge-Smith, S., & James, D. (2006). FAO Regional Technical Expert Workshop on aquatic biodiversity, its nutritional composition, and human consumption in rice-based systems. *Journal of Food Composition and Analysis*, 19(6–7), 752–755. doi: 10.1016/j.jfca.2006.03.011
- Haridjaja, O., Baskoro, D. P. T., & Setianingsih, M. (2013). PERBEDAAN NILAI KADAR AIR KAPASITAS LAPANG BERDASARKAN METODE ALHRICKS, DRAINASE BEBAS, DAN PRESSURE PLATE PADA

- BERBAGAI TEKSTUR TANAH DAN HUBUNGANNYA DENGAN PERTUMBUHAN BUNGA MATAHARI (*Helianthus annuus* L.). *Jurnal Ilmu Tanah Dan Lingkungan*, 15(2), 52. doi: 10.29244/jitl.15.2.52-59
- Hartini, E. (2014). Kontaminasi Residu Pestisida Dalam Buah Melon (Studi Kasus Pada Petani Di Kecamatan Penawangan). *Jurnal Kesehatan Masyarakat*, 10(1), 96–102.
- Haryanti, D., Efendi, D., & Sobir, D. (2020). Keragaman Morfologi dan Komponen Hasil Kubis Bunga (*Brassica oleracea* var. *botrytis* L.) di Dataran Tinggi dan Dataran Rendah. *Jurnal Agronomi Indonesia (Indonesian Journal of Agronomy)*, 47(3), 291–298. doi: 10.24831/jai.v47i3.25902
- Hendrawan, A. K. F., Afiati, N., & Rahman, A. (2021). Laju Nitrifikasi pada Bioremediasi Air Limbah Organik Menggunakan *Chlorella* sp. dan Bakteri Nitrifikasi-Denitrifikasi. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan (Journal of Natural Resources and Environmental Management)*, 11(2), 309–323. doi: 10.29244/jpsl.11.2.309-323
- Hernández, A. F., Parrón, T., Tsatsakis, A. M., Requena, M., Alarcón, R., & López-Guarnido, O. (2013). Toxic effects of pesticide mixtures at a molecular level: Their relevance to human health. *Toxicology*, 307, 136–145. doi: 10.1016/j.tox.2012.06.009
- Hillel, D. (2003). Introduction to Environmental Soil Physics. In Introduction to Environmental Soil Physics. doi: 10.1016/B978-0-12-348655-4.X5000-X
- Hudayya A, & H, J. (2013). (2013). Pengelompokan Pestisida Berdasarkan Cara Kerja. In *Jurnal Hortikultura*.
- Ilmiah, J., & Dan, S. (2012). *Jurnal ilmiah sains dan teknologi*. 12(3).
- Indoria, A. K., Sharma, K. L., & Reddy, K. S. (2020). Hydraulic properties of soil under warming climate. In *Climate Change and Soil Interactions*. LTD. doi: 10.1016/B978-0-12-818032-7.00018-7
- Isir, S., Tamod, Z. E., & Supit, J. M. J. (2022). Identifikasi Sifat Kimia Tanah Pada Lahan Tanaman Bawang Merah (*Allium ascalonicum*, L.) Di Desa Talikuran Kecamatan Remboken Kabupaten Minahasa. *Soil Environmental*, 22(1), 6–11.
- Jamin, F. S., Mustofa, D., Restu, K., Rusli, M., & Adhi, S. (2024). *Penggunaan Pestisida dalam Pertanian : Resiko Kesehatan dan Alternatif Ramah Lingkungan Pesticide Use in Agriculture : Health Risks and Environmentally Friendly Alternatives*. 7(11), 4151–4159. doi: 10.56338/jks.v7i11.6342
- Jerez, S. B., Zhang, Y., & Wang, X. (2011). *M Easurement of P Article S Ize*. 54(3), 1103–1117.
- Karasali, H., & Maragou, N. (2015). Pesticides and Herbicides: Types of Pesticide. In *Encyclopedia of Food and Health* (1st ed.). Elsevier Ltd. doi: 10.1016/B978-0-12-384947-2.00535-3
- Kartika, I. R., Stefanus, S., & Kurniati, T. H. (2012). Pengaruh Komposisi Asam Benzoat Dan Asam Salisilat Pada Pertumbuhan dan Produksi Aflatoksin *Aspergillus Flavus* Pada Buah Jagung (*Zea mays* l.). *JRSKT: Jurnal Riset Sains Dan Kimia Terapan*, 2(1), 147–155. doi: 10.21009/jrskt.021.05
- Kartika, T., & Biologi, P. S. (2024). *ANALISIS PENENTUAN C-ORGANIK PADA SAMPEL TANAH*. 6(2), 74–80.
- Kepmentan. (2018). *Teknologi budidaya kubis dataran rendah*. 8–11.

- Khan, H. (2011). Engineering Positive organizational behavior and managing the psychological capital for learning effectiveness. *Proceedings - Frontiers in Education Conference, FIE*. doi: 10.1109/FIE.2011.6142726
- Koza, M., Schmidt, G., Bondarovich, A., Akshalov, K., Conrad, C., & Pöhlitz, J. (2021). Consequences of chemical pretreatments in particle size analysis for modelling wind erosion. *Geoderma*, 396(May). doi: 10.1016/j.geoderma.2021.115073
- Kusumawati, A., & Putratama, D. R. (2023). Evaluasi Kesesuaian Lahan Tanaman Tebu (*Saccharum officinarum* L.) di Lahan Pasiran Cangkringan, Yogyakarta. *Agroteknika*, 6(1), 91–102. doi: 10.55043/agroteknika.v6i1.202
- Lal, R. (2004a). Soil carbon sequestration impacts on global climate change and food security. *Science*, 304(5677), 1623–1627. doi: 10.1126/science.1097396
- Lal, R. (2004b). Soil carbon sequestration to mitigate climate change. *Geoderma*, 123(1–2), 1–22. doi: 10.1016/j.geoderma.2004.01.032
- Lesta, M., Yanti, E., Halawa, C. F., Sains, F., Nias, U., Sains, F., & Nias, U. (2024). *PENGARUH KADAR AIR DAN POROSITAS TANAH*. 01, 147–152.
- Liu, R., Pan, Y., Bao, H., Liang, S., Jiang, Y., Tu, H., Nong, J., & Huang, W. (2020). Variations in soil physico-chemical properties along slope position gradient in secondary vegetation of the hilly region, Guilin, southwest China. *Sustainability (Switzerland)*, 12(4), 1–16. doi: 10.3390/su12041303
- Magdoff, F. (1993). Building Soils for Better Crops. In *Soil Science* (Vol. 156, Issue 5). doi: 10.1097/00010694-199311000-00014
- Magelang, P. K. (2013). *Potensi Pertanian Kabupaten Magelang*. 5–6. Retrieved from <https://www.magelangkab.go.id/images/dokumen/pertanian.pdf>
- Mahmoud, M., Janssen, M., Peth, S., Horn, R., & Lennartz, B. (2012). Long-term impact of irrigation with olive mill wastewater on aggregate properties in the top soil. *Soil and Tillage Research*, 124(190), 24–31. doi: 10.1016/j.still.2012.04.002
- Mamondol, M. R. (2017). Multifungsi Pertanian Padi Sawah di Kabupaten Poso. *Jurnal ENVIRA Volume 2 Nomor 1 Juni 2017*, 2, 1–11.
- Marinelli, V., Spinelli, S., Angiolillo, L., Del Nobile, M. A., & Conte, A. (2020). Emerging techniques applied to by-products for food fortification. *Journal of Food Science and Technology*, 57(3), 905–914. doi: 10.1007/s13197-019-04123-8
- Melsy, C. F., Zulfita, D., & Listiawati, A. (2023). Respon Pertumbuhan Dan Hasil Kubis Bunga Terhadap Pemberian Pupuk Kandang Kambing Dan Pupuk Npk Pada Tanah Aluvial. *Jurnal Sains Pertanian Equator*, 12(4), 933. doi: 10.26418/jspe.v12i4.67410
- Melsy, C. F., Zulfita, D., Listiawati, A., Agroteknologi, P. S., Pertanian, F., Tanjungpura, U., Rancangan, P., Lengkap, A., Bunga, K., & Kambing, P. K. (2023). *Respon Pertumbuhan Dan Hasil Kubis Bunga*. 933–942.
- Method, T. H. E. G., & Moisture, O. F. S. (1970). *Journal of Hydrology 11 (1970)* 258–273; © North-Holland Publishing. 11, 258–273.
- Minasny, B., & McBratney, A. B. (2018). Limited effect of organic matter on soil available water capacity. *European Journal of Soil Science*, 69(1), 39–47. doi: 10.1111/ejss.12475

- Monteiro, A., Santos, S., & Gonçalves, P. (2021). Precision agriculture for crop and livestock farming—Brief review. *Animals*, *11*(8), 1–18. doi: 10.3390/ani11082345
- Mulyati, M., Salam, R. H., Baharuddin, B., & Tejowulan, R. (2020). Inovasi pemanfaatan limbah pertanian sebagai pupuk organik yang berkualitas dan ramah lingkungan. *JMM (Jurnal Masyarakat Mandiri)*, *4*(5), 850–858.
- Munarso, Broto, Wisnu, & Miskiyah. (2009). Studi kandungan residu pestisida pada kubis, tomat, dan wortel di Malang dan Cianjur. *Buletin Teknologi Pascapanen Pertanian*, *5*, 27–32.
- Muslim, M., & Soelistyono, R. (2017). THE EFFECT OF SILVER BLACK PLASTIC MULCH WITH VARIOUS FORM AND HIGH OF SEEDBED ON GROWTH OF CAULIFLOWER (*Brassica oleracea* var. *Botrytis* L.). *PLANTROPICA Journal of Agricultural Science*. 2017, *2*(2), 85–90.
- Nawaz, M. F., Bourrié, G., & Trolard, F. (2013). Soil compaction impact and modelling. A review. *Agronomy for Sustainable Development*, *33*(2), 291–309. doi: 10.1007/s13593-011-0071-8
- Numba, S., Robbo, A., & K, A. R. (2024). *PENGARUH KONSENTRASI DAN FREKUENSI APLIKASI PUPUK ORGANIK CAIR TERHADAP PERTUMBUHAN DAN PRODUKSI TANAMAN KUBIS (Brassicca oleracea var . capitata ) Effect Of Consentration and Frequency of Liquid Organic Fertilizer Application On Plant Growth and Producti*. *8*(1), 23–32.
- Oldfield, E. E., Bradford, M. A., & Wood, S. A. (2019). Global meta-analysis of the relationship between soil organic matter and crop yields. *Soil*, *5*(1), 15–32. doi: 10.5194/soil-5-15-2019
- Pagliai, M., Vignozzi, N., & Pellegrini, S. (2004). Soil structure and the effect of management practices. *Soil and Tillage Research*, *79*(2 SPEC.ISS.), 131–143. doi: 10.1016/j.still.2004.07.002
- Pertanian, K., Hidup, L., Pertanian, F., Hkbp, U., & Medan, N. (2024). *DAMPAK PENGGUNAAN PESTISIDA DALAM KEGIATAN PERTANIAN TERHADAP LINGKUNGAN HIDUP DAN KESEHATAN The Impact of Pesticide Use in Agricultural Activities on The Environment and Health Bilker Roensis Sinambela*. *8*(2), 178–187.
- Plants, C., & Stages, D. (1976). *E*. 1976. 566, 563–566.
- Proudfoot, A. T. B. S. M. C. S. A. (2005). Poisoning due to pyrethroids (Review Article). *Toxicol Rev. National Poisons Information Service (Birmingham Centre)*, *24*(2), 93–106. Retrieved from [https://accessapps.amdi.usm.my/reqba\\_uploads/article/00139709-200524020-00003.pdf](https://accessapps.amdi.usm.my/reqba_uploads/article/00139709-200524020-00003.pdf)
- Purba, S. F., Yulianti, A., Raphael, Y., & Khotimah, H. (2023). Determinan Kesejahteraan Petani Tanaman Pangan di Provinsi Jawa Barat. *Jurnal Ilmu Pertanian Indonesia*, *29*(1), 59–67. doi: 10.18343/jipi.29.1.59
- Rendah, D., Efisiensi, T., & Nitrogen, P. (2016). *LOWFIELD TO THE EFFICIENCY OF NITROGEN FERTILIZATION WITH THE*. *September*, 10–17.
- Rizki, F. C., Wicaksono, P. R., & Wijayanti, F. (2024). Peningkatan Kesuburan Tanah Dan Produktivitas Sebagai Hasil Pengolahan Lahan Di Dusun

- Ngadilegi, Pandaan. *JIPM: Jurnal Informasi Pengabdian Masyarakat*, 2(1), 1–9.
- Ruspindi, M. A., Sunawan, & Djuhari. (2022). Pengaruh Pemberian Dosis Pupuk Kandang Kambing dan Frekuensi Aplikasi Pupuk Organik Cair (POC) Mol Kohe Kambing terhadap Pertumbuhan dan Hasil Tanaman Okra (*Abelmoschus Esculentus*). *Jurnal Agronisma*, 11(1), 30–38.
- Saba, M., Abo-Elyousr, K. A. M., & Al-Solaimani, S. G. (2025). Organic production of cabbage (*Brassica oleracea* L.) for agricultural sustainability and healthy nutrition: An overview. *Journal of Applied and Natural Science*, 17(1), 253–264. doi: 10.31018/jans.v17i1.6335
- Sáez-Plaza, P., Navas, M. J., Wybraniec, S., Michałowski, T., & Asuero, A. G. (2013). An Overview of the Kjeldahl Method of Nitrogen Determination. Part II. Sample Preparation, Working Scale, Instrumental Finish, and Quality Control. *Critical Reviews in Analytical Chemistry*, 43(4), 224–272. doi: 10.1080/10408347.2012.751787
- Setiawan, D., Surendro, B., & Amin, M. (2017). Pengaruh porositas tanah dan persentase luas lahan terhadap koefisien aliran permukaan. *Wahana Ilmuwan*, 3(1), 191–200. Retrieved from <https://jurnal.untidar.ac.id/index.php/wahana/article/view/271>
- Shaleha, B. A., Afifah, F., Pitriani Salamah, N., NurSehha, S., Hananda Naila Rozni, Z., & Sulistyorini, D. (2023). Potensi Dampak Kandungan Residu Pestisida Pada Sayur dan Buah. *Indonesian Journal of Biomedical Science and Health*, 3(1), 1–10. Retrieved from <http://e-journal.ivet.ac.id/index.php/IJBSH>
- Si, L., Peng, X., & Zhou, J. (2019). The suitability of growing mulberry (*Morus alba* L.) on soils consisting of urban sludge composted with garden waste: a new method for urban sludge disposal. *Environmental Science and Pollution Research*, 26(2), 1379–1393. doi: 10.1007/s11356-018-3635-1
- Siddiqui, S. (2024). Effects of cypermethrin on morphological, physiological and biochemical attributes of *Cicer arietinum* (Fabales: Fabaceae). *Frontiers in Sustainable Food Systems*, 8. doi: 10.3389/fsufs.2024.1446308
- Silva, A. C. M. M., Charlo, H. C. O., Vargas, P. F., Torres, J. L. R., Silva Neto, O. F., & Lemes, E. M. (2021). Nitrogen and potassium fertilization on cabbage biometrics and foliar nutritional levels. *Scientia Plena*, 17(01), 1–9. doi: 10.14808/sci.plena.2021.010201
- Srihayu Harsanti, E., Martono, E., Sudibyakto, H. A., & Sugiharto, E. (2015). Residu Insektisida Klorpirifos Dalam Tanah dan Produk Bawang Merah *Allium ascalonicum* L. *Jurnal Ecolab*, 9(1), 26–35.
- Study, P. (2021). *applied sciences Biodegradation of a Mixed Manure – Lignocellulosic System — A Possibility Study*.
- Suburika, F., Mangera, Y., & Wahida. (2018). KONSERVASI LENGAS TANAH MENGGUNAKAN MULSA PADA TANAMAN KACANG HIJAU (*Vigna radiata*). *Maef-J*, 1(1), 10–18. Retrieved from <https://ejournal.unmus.ac.id/index.php/ae/index>
- Suriadikarta, D. A., & Simanugkalit, R. D. M. (2006). *Pendahuluan dalam Pupuk Organik dan Pupuk Hayati*.
- Taher, Y. A. (2021). Dampak Pupuk Organik dan Anorganik terhadap Perubahan

- sfat kimia tanah dan produksi tanaman padi (*Oryza sativa* L.). *Jurnal Menara Ilmu*, 15(2), 67–76.
- Tingkat, P., Terhadap, P., Spora, J., Dan, M., Akar, P., Rawit, C., Of, E., Level, P., Mycorrhiza, O. N., Lenght, R., & Pepper, C. (2024). *Journal of agrotech and natural farming*. 1(1), 1–4.
- Tuan, S. J., Yeh, C. C., Atlihan, R., Chi, H., & Tang, L. C. (2016). Demography and consumption of spodoptera litura (Lepidoptera: Noctuidae) reared on cabbage and taro. *Journal of Economic Entomology*, 109(2), 732–739. doi: 10.1093/jee/tov325
- Turkec, A., Lucas, S. J., Karacanli, B., Baykut, A., & Yuksel, H. (2016). Assessment of a direct hybridization microarray strategy for comprehensive monitoring of genetically modified organisms (GMOs). *Food Chemistry*, 194, 399–409. doi: 10.1016/j.foodchem.2015.08.030
- Ujváry, I. (2010). Pest Control Agents from Natural Products. *Hayes' Handbook of Pesticide Toxicology, Third Edition: Volume 1, 1*, 119–229. doi: 10.1016/B978-0-12-374367-1.00003-3
- Ummah, M. S. (2019). No 主観的健康感を中心とした在宅高齢者における健康関連指標に関する共分散構造分析Title. In Sustainability (Switzerland) (Vol. 11, Issue 1). Retrieved from [http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484\\_SISTEM\\_PEMBETUNGAN\\_TERPUSAT\\_STRATEGI\\_MELESTARI](http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI)
- Ussiri, D. A. N., Lal, R., & Jacinthe, P. A. (2006). Soil Properties and Carbon Sequestration of Afforested Pastures in Reclaimed Minesoils of Ohio. *Soil Science Society of America Journal*, 70(5), 1797–1806. doi: 10.2136/sssaj2005.0352
- Yamaguchi, M. 1983. (2018). 済無No Title No Title No Title. In *Angewandte Chemie International Edition*, 6(11), 951–952. (Vol. 3, Issue 1). Retrieved from <https://medium.com/@arifwicaksanaa/pengertian-use-case-a7e576e1b6bf>
- Yuan, X., Yu, H., Geng, T., Ma, R., & Li, P. (2024). Enhancing sustainable Chinese cabbage production: a comparative analysis of multispectral image instance segmentation techniques. *Frontiers in Sustainable Food Systems*, 8(November), 1–18. doi: 10.3389/fsufs.2024.1433701
- Yusriah, Y., Hambali, E., & Dadang, D. (2017). Formulasi Insektisida Nabati Minyak Bungkil Mimba Dengan Surfaktan DEA. *Jurnal Teknologi Industri Pertanian*, 27(3), 310–317. doi: 10.24961/j.tek.ind.pert.2017.27.3.310
- Zaenuddin, M. (2021). Kajian Karakteristik Tata Guna Lahan dan Harga Tanah pada Kawasan Perdagangan di Kecamatan Muntilan. *Teknik PWK (Perencanaan Wilayah Kota)*, 10(4), 291–300. doi: 10.14710/tpwk.2021.32330
- Zakia, A., Ilyas, S., Budiman, C., , S., & Manohara, D. (2017). Peningkatan Pertumbuhan Tanaman Cabai dan Pengendalian Busuk Phytophthora melalui Biopriming Benih dengan Rizobakteri Asal Pertanaman Cabai Jawa Timur. *Jurnal Hortikultura Indonesia*, 8(3), 171–182. doi: 10.29244/jhi.8.3.171-182

- Zhang, B., Lv, F., & Yang, J. (2024). Pesticides Toxicity, Removal and Detoxification in Plants: A Review. *Agronomy*, 14(6), 1–22. doi: 10.3390/agronomy14061260
- Zhang, C. B., Liu, W. L., Luo, B., Guan, M., Wang, J., Ge, Y., & Chang, J. (2020). *Spartina alterniflora* invasion impacts denitrifying community diversity and functioning in marsh soils. *Geoderma*, 375(May), 114456. doi: 10.1016/j.geoderma.2020.114456
- Zhang, X., Davidson, E. A., Mauzerall, D. L., Searchinger, T. D., Dumas, P., & Shen, Y. (2015). Managing nitrogen for sustainable development. *Nature*, 528(7580), 51–59. doi: 10.1038/nature15743
- Zhao, Y., Wang, P., Li, J., Chen, Y., Ying, X., & Liu, S. (2009). The effects of two organic manures on soil properties and crop yields on a temperate calcareous soil under a wheat-maize cropping system. *European Journal of Agronomy*, 31(1), 36–42. doi: 10.1016/j.eja.2009.03.001
- Zulfahmi, R., Taisa, R., Marveldani, Yusanto, Ferziana, Hidayat, H., Maulida, D., Elfandari, H., Jumawati, R., Lestari, M. A., Sari, H. P., & Putrantri, D. A. (2024). Pengendalian Hama Dan Penyakit Tanaman Hortikultura Secara Terpadu Di Pekon Sidokaton, Kecamatan Gisting, Kabupaten Tanggamus. *Pengabdian Kepada Masyarakat Nasional*, 1(1), 21–25.