

## DAFTAR PUSTAKA

- Acikgoz, F. E. 2011. Mineral, Vitamin C dan Crude Protein Contents in Kale (Brassica oleraceae Var. Acephala) at Different Harvesting Stages. *African Journal of Biotechnology* 10(75):17170-17174
- Addition of EM Bokashis in Two Tropical Soils.” *International Journal of Agronomy* 2015 (November): 9.
- Adi Wijaya Rino, Badal Bustari, Novia Prima. 2017. Pengaruh Takaran Bokashi Kotoran Sapi Terhadap Pertumbuhan Dan Hasil Tanaman Jagung Manis (*Zea Mays Saccharate*). Fakultas Pertanian Universitas Ekasakti. Vol 1 Issue 1, Oktober 2017.
- Adriansyah, I. 2005. *Cara Membuat Bokashi dari Sampah Rumah Tangga*. Diakses dari <http://www.dokumen.deptan.go.id> pada tanggal 28 Juni 2022
- Agustin, H., dan Fauzi, R. A. (2019) Induksi Pembungaan Kale dengan Aplikasi Pupuk N, P, dan Pemberian Hormon Giberlin. *Agrin*, 23(2) : 132-143
- Agustin, H., dan Ichniarsyah, A.N. (2019). Efektivitas Kno<sub>3</sub> Terhadap pertumbuhan dan Kandungan Vitamin C Kale. *Agrin*, 22(1) :46
- Álvarez-Solís, José D., José A. Mendoza-Núñez, Noe S. León-Martínez, Jorge Castellanos- Albores, and Federico A. Gutiérrez-Miceli. 2016. “Effect of Bokashi and Vermicompost Leachate on Yield and Quality of Pepper (*Capsicum Annuum*) and Onion (*Allium Cepa*) under Monoculture and Intercropping Cultures.” *Cienciae Investigación Agraria* 43 (2): 243–52. <https://doi.org/10.7764/rcia.v43i2.1660>.
- Arifin, R. 2016. *Bisnis Hidroponik Ala Roni Kebun Sayur*. Jakarta : Agromedia Pustaka.
- Artika Resi, Syamsuwirman, Putra Prima Dewirman. 2021. Pengaruh Pemberian Bokashi Pupuk Kendang Sapi Terhadap Pertumbuhan Bibit Vanili (*Vanilla Planifolia*). Program Studi Agroteknologi Fakultas Pertanian Unuversitas Ekasakti Padang. Vol 1 Issue 1 Februari 2021.
- Aryani Farida, Sagala Dannar, Mulatsih Sri, Purwanto Agus. 2021. Pertumbuhan Dan Hasil Tanaman Tomat ( *Lycopersicum Esculentum* Mill) Dengan Perlakuan Dosis Pupuk Bokashi Kotoran Sapi. Fakultas Pertanian Unihaz Bengkulu. *Jurnal Agrikultur*: Vol. 16 No. 2 Desember 2021.
- Ayaz, F. A., R. H. Glew, M. Millson, H. S. Huang, L. T. Chuang, C. Sanz, and S. Hayriioglu-Ayaz. 2006. Nutrient contents of kale (Brassica oler- aceae L. var. acephala DC.). *Food Chemistry* 96:572–79. doi:10.1016/j. foodchem.2005.03.011.

- Ayaz, F. A., S. Hayırlıoğlu-Ayaz, S. Alpay-Karaoğlu, J. Gruz, K. Valentova, J. Ulrichova, and M. Strnad. 2008. Phenolic acid contents of kale (*Brassica oleracea* L. var. *acephala* DC.) extracts and their antioxidant and antibacterial activities. *Food Chemistry* 107:19–25. doi:10.1016/j.foodchem.2007.07.003.
- Badan Pusat Statistik (2021) *Berita Resmi Statistik Produksi Kale*. Badan Pusat Statistik, Jakarta.
- Balai Penelitian Tanah (BALITAN). 2009. Analisis Kimia Tanah, Tanaman, Air, dan Pupuk. Balai Penelitian Sumber Daya Lahan Pertanian. Bogor. p 211
- Boechat, Cácio Luiz, Jorge Antonio Gonzaga Santos, and Adriana Maria de Aguiar Accioly. 2013. “Net Mineralization Nitrogen and Soil Chemical Changes with Application of Organic Wastes with ‘Fermented Bokashi Compost’.” *Acta Scientiarum. Agronomy* 35 (2): 257–264.
- Cahyono, B.T. 1996. Manajemen Sumber Daya Manusia. Badan Penerbit IPWI. Jakarta.
- Caruso, J. A., R. Campana, C. Wei, C.-H. Su, A. M. Hanks, W. G. Bornmann, and K. Keyomarsi. 2014. Indole-3-carbinol and its N-alkoxy derivatives preferentially target ERα-positive breast cancer cells. *Cell Cycle* 13:2587–99. doi:10.4161/15384101.2015.942210.
- Dohi, S., M. Terasaki, and M. Makino. 2009. Acetylcholinesterase inhibitory activity and chemical composition of commercial essential oils. *Journal of Agriculture and Food Chemistry* 57:4313–18. Doi:10.1021/Jf804013j.
- Fadhil Rohman *et al.* (2014), *The Effect of Bokashi Fertilization Dosage on the Growth and Yield of Three Composite Corn Varieties in Agroforestry System of Young Rubber Plant*.
- Fahey, J. W., A. T. Zalcmann, and P. Talalay. 2001. The chemical diversity and distribution of glucosinolates and isothiocyanates among plants. *Phytochemistry* 56:5–51. doi:10.1016/S0031-9422(00)00316-2.
- Fahey, J. W., K. K. Stephenson, K. L. Wade, and P. Talalay. 2013. Urease from *Helicobacter pylori* is inactivated by sulforaphane and other isothiocyanates. *Biochemical and Biophysical Research Communications* 435:1–7. doi:10.1016/j.bbrc.2013.03.126.
- Farhat, G., S. Drummond, and E. A. S. Al-Dujaili. 2017. Polyphenols and Their Role in Obesity Management: A Systematic Review of Randomized Clinical Trials. *Phytotherapy Research* 31 (7):1005–18. doi:10.1002/ptr.5830.
- Gantina, A., Fathul, F., Liman, L., & Muhtarudin, M. (2021). PENGARUH DOSIS BOKASHI TERHADAP PERTUMBUHAN DAN PRODUKSI PADA PEMOTONGAN PERTAMA RUMPUT GAJAH MINI

(Pennisetum Purpureum cv. Mott). *Jurnal Riset Dan Inovasi Peternakan (Journal of Research and Innovation of Animals)*, 5(2), 105-113.

Goncalves, A. L. M., M. Lemos, R. Niero, S. F. Andrade, and E. L. Maistro. 2012. Evaluation of the genotoxic and antigenotoxic potential of Brassica oleracea L. var. acephala D.C. in different cells of mice. *Journal of Ethnopharmacology* 143:740–45. doi:10.1016/j.jep.2012.07.044.

Hagen, S. F., G. I. A. Borge, K. A. Solhaug, and G. B. Bengtsson. 2009. Effect of cold storage and harvest date on bioactive compounds in curly kale (*Brassica oleracea*)

Imban Susisusanty, Rumambi.A, Malalantang S.S. 2017. Pengaruh Pemanfaatan Bokashi Feses Sapi Terhadap Pertumbuhan Sorgum Varietas Kawali. Fakultas Peternakan Universitas Sam Ratulangi Manado. *Jurnal Zootek* Vol. 37 No 1 : 80-87 (Januari 2017)

Indriani YH. 2000. *Membuat Kompos Secara Singkat*. Jakarta (ID): Swadaya.  
Indriani Y. H. 2007. *Membuat Kompos Secara Kilat*. Jakarta (ID): Penebar Swadaya.

Isnaini CL, Endang A. 2009. Kandungan nitrogen jaringan, aktivitas nitrat reduktase dan biomassa tanaman kimpul pada variasi naungan dan pupuk nitrogen. *Nusantara biosence*. 1: 65-71.

Iswahyudi, Izzah Aqidatul, Nisak Ainun. 2020. Studi Penggunaan Pupuk Bokashi Kotoran Sapi Terhadap Tanaman Padi, Jagung Dan Sorgum. *Prodi Agroteknologi Universitas Islam Madura*. Volume 17 No 1 Mei 2020.

Jurtshuk, Peter. 1996. "Bacterial Metabolism." In *Medical Microbiology*, edited by Samuel Baron, 4th ed. Galveston (TX): University of Texas Medical Branch at Galveston. <http://www.ncbi.nlm.nih.gov/books/NBK7919/>.

Kahlon, T. S., M. H. Chapman, and G. E. Smith. 2007. In vitro binding of bile acids by spinach, kale, brussels sprouts, broccoli, mustard greens, green bell pepper, cabbage and collards. *Food Chemistry* 100:1531–36. doi:10.1016/j.foodchem.2005.12.020.

Kahlon, T. S., M. M. C. Chiu, and M. H. Chapman. 2008. Steam cooking significantly improves in vitro bile acid binding of beets, eggplant, asparagus, carrots, green beans, and cauliflower. *Nutrition Research* 27 (12):750–55. doi:10.1016/j.nutres.2007.09.011.

Kris-Etherton, P. M., M. Lefevre, G. R. Beecher, M. D. Gross, C. L. Keen, and T. D. Etherton. 2004. Bioactive compounds in nutrition and health-research methodologies for establishing biological function: the antioxidant and anti-inflammatory effects of flavonoids on atherosclerosis. *Annual Review of Nutrition* 24:511–38. doi:10.1146/annurev.nutr.23.011702.073237.

Kultivar ‘Valouro’ Hasil SAmbung Batang. *Kultivasi*,16(1) :298-304 Pp 37-38

Kural, B. V., N. Kuć ućk, F. B. Yućcesan, and A. Oćrem. 2011. Effects of kale (*Brassica oleracea* L. var.acephala DC) leaves extracts on the susceptibility of very low and low density lipoproteins to oxidation. *Indian Journal of Biochemistry & Biophysics*48:361–64.

Kusuma ME. 2013. Pengaruh pemberian bokashi terhadap pertumbuhan vegetatif dan produksi rumput gajah (*Pennisetum purpureum*). *Ilmu Hewani Tropika*. 2 (2): 40- 45.

Lima, Carlos Eduardo Pacheco, Mariana Rodrigues Fontenelle, Luciana Rodrigues Borba Silva, Daiane Costa Soares, Antćnio Williams Moita, Daniel Basćlio Zandonadi, Ronessa Bartolomeu Souza, and Carlos Alberto Lopes. 2015. “Short- Term Changes in Fertility Attributes and Soil Organic Matter Caused by the

Lin, L.-Z., and J. M. Harnly. 2009. Identification of the phenolic components of collard greens, kale, and chinese broccoli. *Journal of Agriculture and Food Chemistry* 57:7401–7408. doi:10.1021/jf901121v.

Lin, L.-Z., and J. M. Harnly. 2010. Phenolic component profiles of mustard greens, yu choy, and 15 other brassica vegetables. *Journal of Agriculture and Food Chemistry*58, 6850–57. doi:10.1021/jf1004786.

Liu, B., Q. Mao, M. Cao, and L. Xie. 2012. Cruciferous vegetables intake and risk of prostate cancer: A meta-analysis. *International Journal of Urology* 19:134–41. doi:10.1111/j.1442-2042.2011.02906.x.

Liu, B., Q. Mao, X. Wang, F. Zhou, J. Luo, C. Wang, Y. Lin, X. Zheng, and L. Xie. 2013b. Cruciferous vegetables consumption and risk of renal cell carcinoma: A meta-analysis. *Nutrition and Cancer* 65(5):668–76. doi:10.1080/01635581.2013.795980.

Liu, B., Q. Mao, Y. Lin, F. Zhou, and L. Xie. 2013a. The association of cruciferous vegetables intake and risk of bladder cancer: a meta-analysis. *World Journal of Urology* 31:127–33. doi:10.1007/s00345-012-0850-0.

Liu, X., and K. Lv. 2013. Cruciferous vegetables intake is inversely associated with risk of breast cancer: a meta-analysis. *Breast* 22:309–13. doi:10.1016/j.breast.2012.07.013. Martinez-Ballesta, M.C., and M. Carvajal. 2015. Myrosinase in Brassicaceae: the most important issue for glucosinolate turnover and food quality. *Phytochemistry Reviews* 14 (6):1045–51. doi:10.1007/s11101-015-9430-4.

Mulyadi Dwi Rahmad, Taher Arita Yonny, Meriati. 2020. Pengaruh Pemberian Bokashi Pupuk Kendang Sapi Terhadap Pertumbuhan Dan Hasil Tanaman Kacang Tanah (*Arachis Hypogaea* L). *Fakultas Pertanian Universitas Ekasakti*. Vol 4 Issue 1, April 2020.

- Nasir.2007. *Tekhnik Pembuatan Bokasi*. Diakses dari <http://www.walhijabar.blogspot.com> pada tanggal 28 Juni 2022
- Olsen, H., Aaby, K., & Borge, G. I. A. (2009). Characterization and quantification of flavonoids and hydroxycinnamic acids in curly kale (*Brassica oleracea* L. convar. acephala var. sabellica) by HPLC-DAD-ESI-MSn. *Journal of Agricultural and Food Chemistry*, 57(7), 2816–2825. <https://doi.org/10.1021/jf803693t>
- Onggo, T. M., Kusmiyati, K., dan Nurfitriana, A. (2017). Pengaruh Penambahan Arang Sekam dan Ukuran Polybag terhadap Pertumbuhan dan Hasil Tanaman Tomat
- Rosadi, A. P., D. Lamusu, dan L. SAmuduri. 2019. Pengaruh Pemberian Pupuk Kandang Sapi terhadap Pertumbuhan Jagung Bisi 2 pada Dosis yang Berbeda Babasal *Agrocyc Journal*.
- Sadjadi, Herlina, B, Supendi, W. 2017. Level Penambahan Bokashi Kotoran Sapi Terhadap Pertumbuhan Dan Produksi Pada Panen Pertama Rumput Raja (*Pennisetum Purpureofoies*). Fakultas Pertanian Prodi Peternakan Universitas Musi Rawas. *Junal Sain Peternakan Indonesia* Vol. 12 No. 4 Oktober-Desember 2017.
- Samadi, Budidaya Intensif Chinese Kale Secara Organik dan Anorganik . Jakarta: PustakaMina, 2013.
- Saragih D, H Herawati, N Niar. 2013. Pengaruh dosis dan waktu aplikasi pupuk urea dalam meningkatkan pertumbuhan dan hasil jagung (*Zea mays*, L.) *Pioneer 27. Agrotek Tropika*. 1 (1): 50-54.
- Sikora, E., E. Cieslik, T. Leszczynska, A. Filipiak-Florkiewicz, and P. M. Pisulewski. 2008. The antioxidant activity of selected cruciferous vegetables subjected to aquathermal processing. *FoodChemistry* 107:55–59. doi:10.1016/j.foodchem.2007.07.023.
- Siregar Andy, Aiman Umul, Astriani Dian. 2019. Pengaruh Takaran Pupuk Bokashi Kotoran Sapi Terhadap Pertumbuhan Dan Hasil Pare. Fakultas Agroindustry Universitas Marcu Buana Yogyakarta. Juni 2019.
- Tufaila, M, Yusrina, Alam Syamsu. 2014. Pengaruh Pupuk Bokashi Kotoran Sapi Terhadap Pertumbuhan Dan Produksi Padi Sawah Pada Ultisol Puosa Jaya Kecamatan Konda, Konawate Selatan. *Jurnal Agroteknos*. Vol 4 No.1. Hal 18-25, Maret 2014.
- Wahtudi Agus, Setiona, Hasnelly. 2018. Pengaruh Pemberian Pupuk Bokashi Kotoran Sapi Terhadap Pertumbuhan Dan Hasil Tanaman Jahe Merah (*Zingiber Officinale Rose*). Program Studi Agroteknologi Universitas Muara Bungo. Vol 03, No 02 (2018)
- Weng, J.-R., C.-H. Tsai, S. K. Kulp, and C.-S. Chen. 2008. Indole-3-carbi- nol as

a chemopreventive and anti-cancer agent. *Cancer Letters* 262:153–63. doi:10.1016/j.canlet.2008.01.033.

Winata, Karno dan Sutarno. 2012. PERTUMBUHAN DAN PRODUKSI HIJAUAN GAMAL (*Gliricidia sepium*) DENGAN BERBAGAI DOSIS PUPUK ORGANIK CAIR. *Animal Agriculture Journal*, Vol. 1. No. 1, 2012, p 797 t807

Yusuf, A., Parwati, W. D. U., dan Andayani, N. (2018). Pengaruh Jenis Bahan Organik Sebagai Campuran Media Tanaman Pada Berbagai Varietas Selada. *AGROMAST*,3(1).

Zhou, K., and L. Yu. 2006. Total phenolic contents and antioxidant properties of commonly consumed vegetables grown in Colorado. *LWT* 39:1155–62. doi:10.1016/j.lwt.2005.07.015.

