## REFERENCES

- Akinbile, C. O., & Yusoff, M. S. (2012). Solid waste generation and decomposition using compost bin technique in Pulau Pinang, Malaysia. *Waste Management & Research: The Journal of the International Solid Wastes and Public Cleansing Association, ISWA*, *30*(5), 498–505.
- Ameen, A., Ahmad, J., & Raza, S. (2016). Effect of pH and moisture content on composting of Municipal solid waste. *International Journal of Scientific and Research Publications*, *6*(5), 35–37.
- Andersen, J. K. (2010). *Composting of organic waste: quantification and assessment of greenhouse gas emissions* (Ph.D). Technical University of Denmark. Retrieved from https://pdfs.semanticscholar.org/3108/baf549980d582eed9c8d83c53da1541e3ca1.pdf
- Anurarg Garg, I. E. T. (2009). A review of solid waste composting porcess the UK perspective. *Global Science Books: Dynamic Soil, Dynamic Plant, 3*(special 1), 57–63.
- Atchley, K. (2013). *Hot Composting with the Berkeley Method*. Kerr Center. Retrieved from http://kerrcenter.com/wp-content/uploads/2014/06/hot\_composting.pdf
- Breitenbeck, G. A., & Schellinger, D. (2004). Calculating the Reduction in Material Mass And Volume during Composting. *Compost Science & Utilization*, *12*(4), 365–371.

Bryan-Brown, M. (2011). Lessons Learned in Aerated Static Pile (ASP) Composting. GREEN MOUNTAIN TECHNOLOGIES, BAINBRIDGE ISLAND, W A. Retrieved from http://compostingcouncil.org/wp/wp-content/uploads/2011/01/Michael-Bryan-Brown.pdf

- Campbell-Nelson, K. (2015, September 21). UMass Extension Vegetable program: Compost Analysis and Interpretation. Retrieved from https://ag.umass.edu/sites/ag.umass.edu/files/factsheets/pdf/compost\_analysis\_and\_interpretation\_with\_test.pdf
- Chen, L. (2017, February 28). Achieve Maturity at the end of the manure composting process. *Progressive Dairyman Canada*.
- Compost Resources How to Compost. (2018a). Retrieved May 17, 2018, from https://www.uaex.edu/yard-garden/vegetables/compost.aspx

Compost Resources - How to Compost. (2018b). Retrieved May 17, 2018, from https://www.uaex.edu/yard-garden/vegetables/compost.aspx

- Cooperband, L. (2002). The Art and Science of Composting Science of Composting: A resource for farmers and compost producers. University of Wisconsin-Madison.
- Creech, D. (2018). BROWNS AND GREENS: UNDERSTANDING CARBON AND NITROGEN IN THE COMPOSTING PROCESS. Retrieved 2018, from https://modernsteader.com/browns-and-greensunderstanding-carbon-and-nitrogen-in-the-composting-process/
- de Guardia, A., Mallard, P., Teglia, C., Marin, A., Le Pape, C., Launay, M., ... Petiot, C. (2010). Comparison of five organic wastes regarding their behaviour during composting: part 2, nitrogen dynamic. *Waste Management*, *30*(3), 415–425.
- de Haro Marti A. Moore C. Falen, L. C. M. (2011a). The Composting Process. DAIRY COMPOST PRODUCTION AND USE IN IDAHO. Retrieved from http://www.cals.uidaho.edu/edcomm/pdf/cis/cis1179.pdf
- de Haro Marti A. Moore C. Falen, L. C. M. (2011b). The Composting Process. *DAIRY COMPOST PRODUCTION AND USE IN IDAHO*. Retrieved from http://www.cals.uidaho.edu/edcomm/pdf/cis/cis1179.pdf
- Diaz, L. F., & Savage, G. M. (2007). Chapter 4 Factors that affect the process. In *Waste Management Series* (pp. 49–65).
- Dui-an, L. Ü., Bai-xing, Y. A. N., Wang, L.-X., Zhi-qiang, D. E. N., & Zhang, G.-B. (2013). Changes in Phosphorus Fractions and Nitrogen Forms During Composting of Pig Manure with Rice Straw. *Journal of Integrative Agriculture*, *12*(10), 1855–1864.
- Figueiredo, V. R. et al. (2013). Microbial inoculation during composting improves productivity of sun mushroom (Agaricus subrufescens Peck). *African Journal of Microbiology Research*, 7(35), 4430–4434.
- Food and Agriculture Organization of the United Nations (FAO). (2006, October 23). Rapid composting methods: Use of forced aeration. Retrieved October 23, 2006, from

http://teca.fao.org/read/4299

- Frank Mangan, Allen Barker, Steven Bodine, and Peter Borten. (2013). Compost Use and Soil Fertility. Retrieved 2018, from https://ag.umass.edu/vegetable/fact-sheets/compost-use-soil-fertility
- Garcia, M. C. V. et al. (2006). Influence of microbial inoculation and co-composting material on the evolution of humic-like substances during composting of horticultural wastes. *Process Biochemistry*, *40*(6), 1438–1443.
- G. J. JANN, D. H. HOWARD1, AND A. J. SALLE. (1959). Method for the Determination of Completion of Composting. *Department of Bacteriology, University of California, Los Angeles, California,* 271–276.
- Glen, B. (2012, May 3). Compost on the fast track with Berkeley method. *The Western Producer: Farm Living*. Retrieved from https://www.producer.com/2012/05/compost-on-the-fast-trackwith-berkeley-method-%E2%80%A9/

Golueke, C. G. (2008). Understanding the Process (Composting). *BioCycle Magazine*, 1–12.

- Graves, R. E., Hattemer, G. M., & Stettler, D. (2000). Chapter 2 Composting. In W. Pierce (Ed.), *Environmental Engineering National Engineering Handbook* (pp. 1–49). United States Department of Agriculture.
- Héla Makni, Lamia Ayed, Mohamed Ben Khedher, Amina Bakhrouf. (2010). Evaluation of the maturity of organic waste composts. *SAGE Journals, 28*(6). Retrieved from http://journals.sagepub.com/doi/abs/10.1177/0734242X09350786
- Institute for Global Environmental Strategies of Kitakyushu Japan. (2009). Waste Reduction Programme through the Promotion of Organic Waste Composting by KitaQ System: Indonesia. Retrieved from https://kitakyushu.iges.or.jp/publication/Takakura/10%20Indonesia.pdf
- Jakubus, M. (2016). Estimation of phosphorus bioavailability from composted organic wastes. *Chemical Speciation and Bioavailability*, *28*(1-4), 189–198.
- Khater, E. S. G. (2015). Some Physical and Chemical Properties of Compost. *International Journal of Waste Resources*, 05(01). https://doi.org/10.4172/2252-5211.1000172

Kurniawan, T. (September / Octorber 2014). The Global Environment & Japanese Innovation: Takakura Home Composting (THC) in Surabaya (Indonesia). *JAPAN SPOTLIGHT*, 42–45.

Manish Batham Richa Gupta. (2013). Implementation of Bulking Agents in Composting: A Review. *Journal of J Bioremediation & Biodegradation, 4*(7). https://doi.org/10.4172/2155-6199.1000205

Munroe, G. (2010). *Manual of On-Farm Vermicomposting and Vermiculture*. Organic Agriculture Centre of Canada. Retrieved from http://compostclub.org/wpcontent/uploads/2010/06/26855989-Manual-of-on-Farm-Vermicomposting-and-Vermiculture.pdf

(Nature Resources Conservative Service of United States Departement of Agriculture). (2007, May). Composting Manure – What's going on in the dark? Retrieved from

https://www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs142p2\_043439.pdf

Nur Fatin Mat Saad, Nurqaidah Nadrah Ma'mina, Shahrom Md Zaina, Noor Ezlin Ahmad Basria, Najah Sofia Md Zainia. (2013). Composting of Mixed Yard and Food Wastes with Effective Microbes. Jurnal Teknologi: Department of Civil & Structural Engineering, Faculty of Engineering & Built Environment, Universiti Kebangsaan Malaysia. Retrieved from https://www.researchgate.net/profile/Nur\_Fatin\_Mat\_Saad2/publication/286509102\_Compos ting\_of\_Mixed\_Yard\_and\_Food\_Wastes\_with\_Effective\_Microbes/links/57b161c208ae0101f17 94ca0/Composting-of-Mixed-Yard-and-Food-Wastes-with-Effective-Microbes.pdf

OpenStax. (2016). Acid Base Titration. In OpenStax (Ed.), Chemistry. BC Campus.

 Paul, D. J. (2009). The Theory and Operation of Composting. Retrieved from http://www.transformcompostsystems.com/articles/Basics%20of%20Composting%20June%20
2009.pdf

Pervez Alam &. (2013). IMPACT OF SOLID WASTE ON HEALTH AND THE ENVIRONMENT. International Journal of Sustainable Development and Green Economics (IJSDGE), 165–169.

Polprasert, C. (2007). Organic Waste Recycling | Technology and Management. (I. Publishing, Ed.).

Alliance House, 12 Caxton Street, London SW1H OQS, UK : IWA Publishing.

Raabe, R. D. (1981). The Rapid Composting Method.

- R.Gowrilekshmi, S. M. A. (2016). Solid Waste Management using Effective Microorganism (EM) Technology. International Journal of Current Microbiology and Applied Sciences, 5(7), 804–816.
- Risnandar, C. (2018). Jenis-jenis pupuk kompos. Retrieved September 20, 2018, from https://alamtani.com/pupuk-kompos/
- R. V. Misra, R. N. Roy, H. Hiraoka. (2003). *On Farm Composting Method*. Vaile Delle Terme di Caracala, 00100 Rome, Italy: Food and Agriculture Organization of United Nations.
- Sibu Municipal Council. (2010). Takakura Home Method (THM) Composting. Retrieved from http://sdi.com.my/docs/takakura\_resized.pdf
- Tom Richard, Nancy Trautmann, Marianne Krasny, Sue Fredenburg, Chris Stuart. (1996). The Science and Engineering of Composting. Retrieved 2018, from http://agrienvarchive.ca/bioenergy/download/cornell\_composting.pdf
- Towett, G. (2016). What are Effective Microorganims? Retrieved 2018, from https://permaculturenews.org/2016/01/19/what-are-effective-microorganisms/
- Tuomela, M. (2000). Biodegradation of lignin in a compost environment: a review. *Bioresource Technology*, *72*(2), 169–183.
- United States Department of Agriculture. (2017). *Soil Survey Manual 2017*. (United States Department of Agriculture: Soil Science Division Staff, Ed.) (Vol. 18). U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410: United States Department of Agriculture.

van Reeuwijk, L. P. (2002). PROCEDURES FOR SOIL ANALYSIS. (L. P. van Reeuwijk, Ed.). 6700 AJ

Wageningen The Netherlands : International Soil Reference and Information Centre.

Waste Treatment Definition. (2018). Retrieved May 21, 2018, from

http://www.businessdictionary.com/definition/waste-treatment.html Winda Sartika Purba, Pramudya Ajeng Safitri, Riska Andianti. (2017). *Statistik Lingkungan Hidup*  Indonesia 2017. (P. L. Nona Iriana, Ed.). Badan Pusat Statistik Republik Indonesia.

Zhang, L., & Sun, X. (2015). Effects of earthworm casts and zeolite on the two-stage composting of green waste. *Waste Management*, (39), 119–129.