

## DAFTAR PUSTAKA

- Alemi, H., Kianmehr, M.H., Borghae, A.M., 2010, "Effect of Pellet Processing of Fertilizer on Slow-Release Nitrogen in Soil, Asian Journal of Plant Sciences.
- Babar Azeem., KuZilati KuShaari., Zakaria B.Man., Abdul Basit., Trinh H.Tranh., 2014, "Review on Materials & Method to Produced Controlled Release Coated Urea Fertilizer", Journal of Controlled Release 181 (2014) 11-21.
- Bird, B., Stewart, W., Lightfoot, E., 2006, Transport Phenomena, Revised second ed. John Wiley & Sons, Inc.
- Chan, K.Y., Van Zwieten,L., Meszaros,I., Downie,A., and Joseph,S., 2007, "Agronomic Values of Greenwaste Biochar as a Soil Amendment". *Australian Journal of Soil Research* 45(8): 629-634.
- Cussler, E.L., 1997, "Diffusion: Mass Transfer in Fluid Systems". Cambridge University Press.
- Dobermann, A & Thomas Fairhurst., 2000, "Nutrient Disorder & Nutrient Managemen", 1<sup>st</sup> ed., PPIC Canada.
- Erickson, S & M.Prior., 1990, "The Briqueting of Agriculture Wastes for Fuel". FAO, Rome, Italy.
- Escobar, R.F., Benloch, M., Herrera, E., Gracia-Novelo,J.M., 2003, "Effect of Traditional and Slow-Release N Fertilizer on Growth of Olive Nursery Plants and N Losses by Leaching". *Scientia Horticulturae* ed. 101, 39-49.
- Hernandez, G., J. Dominguez-Dominguez & O. Alvarado-Mancilia., 2006, "An Easy Laboratory Method for Optimizing the Parameters for Mechanical Densification Process : An Evaluation with An Extruder". *Agric. Eng. Int. CIGREJ.*,8.
- Hunsigi Gururaj.,1993, "Production of sugarcane". Springer-Verlag, Berlin, 1993. ISBN 3-540-56552-3 or 0-387-56552-3, 245 pp., Hardback, DM 228, SFr 226

- Lan W., Mingzhu L., Rui L., 2007, "Preparation and Properties of a Double Coated Slow Release NPK Compound Fertilizer with Superabsorbent and Water Retention". Biosecure Technology, p.1.
- Lehmann, J. and Joseph, S., 2009, "Biochar for Environmental Management: an Introduction In Biochar for Environmental Management Science and Technology", 1<sup>st</sup> ed., pp. 1-12, Earthscan, London.
- Liang, R., M.Liu., L.Wu., 2006, "Controlled Release NPK Compound Fertilizer With The Function of Water Retention".
- Lingga, P., dan Marsono, 2008, "Petunjuk Penggunaan Pupuk", ed.26, hlm.8,143, Penebar Swadaya, Jakarta.
- Listyaningtyas., Fitria, E., Pratiwi., Mitha, V., 2011, "Pembuatan Silika Gel dari Abu Baggase yang Dicangkok Gugus Amine untuk Menyerap Gas Karbon Dioksida (CO<sub>2</sub>)", Jurusan Teknik Kimia, Fakultas Teknik, Institut Teknologi Sepuluh November, Surabaya.
- Masayuki, H., 2001, "Fertilizer Pellets Made From Composted Livestock Manure". Agriculture Research Division Mie Prefectural Science and Technology Promotion Center Kawasakita 530, Uresinochou, Itisigun, Mie, 515-2316, Japan, 2001-11-01. <http://www.agnet.org/library/eb/506/>.
- Maspary., 2013, "Cara Membuat Pupuk NPK Sendiri (Rumus Membuat Pupuk NPK)". <http://www.pertanian.magelangkota.go.id>.
- Hariyati, N., 2015, "Pengujian Pupuk Slow Release Urea Media Abu Terbang Bagas pada Tanah Pasir Pantai dengan Indikator Pertumbuhan Tanaman Jagung (*Zea mays L.*)" Fakultas Pertanian Universitas Gadjah Mada.
- Plimmer, J.R., Gammon, D.W., & Ragsdale, N.N., 2003, "Encyclopedia of Agrochemicals (Volumes 1-3).
- Plur, N., 2014, "Mengenal Proses Pengolahan Gula". <http://www.gubuktani.com/2014/05/mengenal-proses-pengolahan-gula-3.html>
- Pond, W.G., D.C. Church and K.R. Pond, 1995, "Basic Animal Nutrition and Feeding. 4th Edn"., John Wiley and Sons, New York, USA

- Prakoso, T.G., 2006, "Study Slow Release Fertilizer (SRF): Uji Efisiensi Formula Pupuk Tersedia Lambat Campuran Urea dengan Zeolit", Departemen Ilmu Tanah dan Sumber Daya Lahan, Fakultas Pertanian, Institut Pertanian Bogor, Bogor.
- Purnomo, C.W., Salim, C., and Hinode, H., 2011, "Preparation and Characterization of Activated Carbon from Bagasse Fly Ash", *J.Anal.Appl.Pyrol.*, 91,257-262.
- Purnomo, C.W., Salim, C., and Hinode, H., 2012, "Effect of the activation method on the properties and adsorption behavior of bagasse fly ash-based activated carbon".
- Purnomo, C.W., Salim, C., and Hinode, H., 2012, "Synthesis of pure Na-X and Na-A zeolite from bagasse fly ash".
- Pyoungchung Kim., Daniel Hensley., Nicole Labbe., 2014, "Nutrient Release From Switchgrass-Derived Biochar Pellets Embedded With Fertilizer".
- Rauf, A., Shepard BM., Johnson MW., (2000). "Leafminers in vegetables, ornamental plants and weeds in Indonesia: surveys of host crops, species composition and parasitoids". *International Journal of Pest Management* 46: 257-266.
- Santoso, B., Untung Setyobudi., Elda Nurnasari., 2012, "Pengaruh Jarak Tanam Dan Dosis Pupuk NPK Majemuk Terhadap Pertumbuhan, Produksi Bunga, dan Analisis Usaha Tani Rosela Merah".
- Shaviv, A., 2005, "Controlled Release Fertilizer", IFA International Workshop on Enhanced-Efficiency Fertilizer, Frankfrut, International Fertilizer Industry Association, Paris, France.
- Sinha, V.R., Agrawal, M.K., Kumria, R. and Bhinge, J.R., 2007, Influence of operational variables on properties of piroxicam pellets prepared by extrusion-spheronization: a technical note. *AAPS PharmSciTech*, 8. Article 20.
- Sulakhudin., 2011, "Peran Bahan Humat-Kalsium Terhadap Ketersediaan Nitrogen, Pertumbuhan Dan Hasil Bawang Merah di Lahan Pasir Pantai".

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Universitas Gadjah Mada.

Sutoro, Y Sulaiman dan Iskandar., 1988, “Budidaya Tanaman Jagung”. Balai  
Penelitian dan Pengembangan Tanaman Pangan Bogor.

Trenkel, M.E., 2010, “Slow-and Controlled-Release and Stabilized Fertilizer : An  
Option for Enchancing Use Efficiency in Agriculture”. International  
Fertilizer Industry Association, Paris, France.

Trenkel, M.E., 2007, “Controlled-Release and Stabilized Fertilizers In  
Agriculture”. International Fertilizer Industry Association, Paris, France.

Widiyasa, A.N. dan Bayu Hadi Enggo Saputro.,2011, “Pengaruh Suhu Udara  
Pengeringan dan Konsentrasi Sulfur Dalam Pembuatan *Slow Release  
Fertilizer* Terhadap Kualitas Produk”. Jurusan Teknik Kimia, Fakultas  
Teknik, Universitas Diponegoro.