

## DAFTAR PUSTAKA

- Abro S. A, R. Qureshi, F. Soomro, A. A Mirbahar, G. S Jakhar. 2009. Effect of silicon level on growth and yield of wheat in silty loam soil. *Pak J Bot.* 41(3): 1385-1390
- Al-maruzi A. 2013. <http://www.katailmu.com/2013/02/jenis-jenis-tanah.html> diakses 15 januari 2014 pukul 08.45
- Badan Pusat Statistik. 2013. Proyeksi penduduk Indonesia 2010-2035. ISBN: 978-979-064-606-3
- Bergougnoux V, D. Zalabak, M. Jandnova, O. Novak, A. Wiese-Klinkenberg, M. Fellner. 2012. Effect of blue light on endogenous isopentenyladenine and endoreduplication during photomorphogenesis and deetiolation of tomato (*Solanum lycopersicum* L.) seedlings. *PLOS ONE.* 7(9):1-15
- Bertony G. 2010. Cytokinin and Compound Leaf Development. *The Plant Cell.* Vol. 22:3191.
- Cahyono B. 2008. Tomat, Usaha Tani dan Penanganan Pasca Panen. *Kanisius.* Yogyakarta:37
- Campbell, N A., J.B Reece, L.G Mitchell. 2000. *Biologi jilid II* (W. Manalu). Erlangga. Jakarta:380
- Chamberlain C.J. 2007. *Methodes in plant histology.* Read Book. USA
- Cooperband L. 2002. Building Soil Organic Matter with Organic Amandements. Center for Integrated Agricultural System. University of Wisconsin-Medison.
- Davey M.W, M.C Montagu, D Inze. 2000. Review Plant L-ascorbic acid: chemistry, function, metabolism, bioavailability and effects of processing. *Journal of the Science of Food and Agriculture.* 80:825-860
- Davey, M. W, Kenis, K., & Keulemans, J. 2007. Genetic Control of Fruit Vitamin C Contents. *Plant Physiology.* 142: 343–351
- Dewoto HR 2007. Vitamin dan Mineral. dalam Farmakologi dan Terapi edisi kelima. Departemen Farmakologi dan Terapeutik Fakultas Kedokteran Universitas Indonesia. Percetakan Gaya Baru, Jakarta.p.769-92.
- Fattah M. Y, F.H Rahil, K. Y. H Al Soundany. 2013. Improvement of Clayey Soil Characteristics Using Rice Husk Ash. *Journal of Civil Engineering and Urbanism.* Vol.3(1):12-18
- Gomez K.A & A.A Gomez. 1984. *Prosedur statistik untuk analisis pertanian edisi 2.* (Syamsudin, E & J.S Baharsyah). UI Press. Jakarta.
- Hamouz K, J. Lachman, P. Dvorak, M. Orsak, K. Hejtmankova, M. Cizek. 2009. Effect of Selected Factors on the Content of Ascorbic acid in Potatoes with Different Tuber Flesh Colour. *Plant Soil Environ.*,55(7): 281-287

- Hanks T.L. 2007. Determination of nitrogen availability from animal manure amended soil. *UMI*. 144590
- Harborne, J.B. 1987. Metode Fitokimia: *Penentuan Cara Modern Menganalisis Tumbuhan*. Terbitan Kedua. Terjemahan dari Phytochemical Methods oleh Padmawinata.K dan I. Sudiaro. Penerbit ITB. Bandung :261
- Hargreaves, J. M. S. Adi, P.R. Warman, and H.P.V Rupusinghe. 2008. The Effect of Organic Amandements on Mineral Elements Uptake and Fruit Quality of Rasberreies. *Plant Soil*. 308: 213-226
- Hopkins W.G. and N. P. A Hüner. 2008. *Introduction Plant Physiology 4<sup>th</sup> edition*. Jhon Willey& Sons Inc. New York. pp: 275-276
- Idah P.A, J.J Musa, M. Abdullahi. 2010. Effect of storage period on some nutritional properties of orange and tomato. *AU.J.T*. 13(3): 181-185
- Jones J.B. 2008. *Tomato Plant Culture:in the field, greenhouse and home Second Edition*. CRC press. USA: 9, 55-57
- Kailaku S.I, K. T. Dewandari dan Sunarmani. 2007. Potensi Likopen dalam Tomat untuk Kesehatan. *Buletin Teknologi Pascapanen*. Vol.3: 50-58
- Kakimoto T. 2003. Biosynthesis of cytokinins. *J Plant Rest*. 116: 233-239
- Kitano M. M., T. Kusumoto, P. Tarkowski, K.K Tsujimura, K Vaclavikova, K. Miyawaki, T Kakimoto. 2008. Cytokinins are central regulators of cambial activity. *PNAS*. 105(50): 20027-20031.
- Kumar A, K. Mohanta, D. Kumar, O. Parkash. 2012. Properties and Industrial Applications of Rice husk: A review. *IJETAE*. Vol. 2(10). ISSN 2250-2459
- Kusuma A.H, M. Izzati. E. Saptiningsih. 2013. Pengaruh penambahn arang dan abu sekam padi dengan proporsi yang berbeda terhadap permeabilitas dan porosiats tanah liat serta pertumbuhan kacang hijau (*Vigna radiata* L.). *Buletin Anatomi dan Fisiologi*. 21(2): 1-9
- Marschner, H., 1986. *Mineral nutrition in higher plants*. Academic press Harcourt brace Jovanovich Publisher.
- Masulili A, W. H Utomo, Syechfani. 2010. Rice Husk Biochar for Rice Based Cropping System in Acid Soil 1. The Characteristics of Rice Husk Biochar and Its Influence on Properties of Acid Sulfate Soils and Rice Growth in West Kalimantan, Indonesia. *Journal of Agricultural Science*. Vol 2(1).
- Matsuo S, K. Kikuchi, M. Fukuda, I. Honda, S. Imanishi. 2012. Roles and regulation of cytokinins in tomato fruit development. *Journal of Experimental Botany*. 63 (15): 5569-5579
- Milenkovic S.M, J.B Zvezdanovic, T.D Andelkovic. 2012. The identification of chlorophyll and its derivates in the pigment mixtures hplc-chromatography, visible and mass spectroscopy studies. *Advanced technologies*. 1(1): 16-24
- Miyashima, S., J. Sebastian., J. Y Lee, Yka Halariutta. 2013. Stem cell function during plant vascular development. *The Embo Journal*.32: 178-193

- Mlodzińska E. 2009. Survey of plant pigments: Molecular and environmental determinants of plant colors. *Acta Biologica Cracoviensia series Botanica*. 51(1): 7-16
- Mousa M. A. A and M. F. Mohamed. 2009. Enhanced yield and quality of onion (*Allium cepa* L. cv GIZA 6) produced using organic fertilization. *Ass. Univ. Bull. Environ. Ros.* 12(1): 9-19
- Moyin Jeus, E.I and S.O Ojeniyi. 2000. Response of leaf nutrient contents growth and yield of okra to application of sole and amended plant residues. *Proceeding 26<sup>th</sup> Ann.Conf. of Soil Sci. Soc.*, Ibadan, Nigeria, pp:126-129.
- Mustofa W.S, M Izzati, E. Septaningsih. 2012. Interaksi antara Pembenh Tanah dari *Hydrilla verticillata* Royle.dan *Salvinia molesta* Mitchell. terhadap Kapasitas LapangTanah Pasir dan Tanah Liat serta Pertumbuhan Kacang Hijau (*Vigna radiat* L.). *Buletin Anatomi dan Fisiologi*. Vol 10(2)
- Nawaz A. M, M. Amjad, S. M Khan, I. Afzal, T. Ahmed, Q. Iqbal. 2013. Tomato Seed Invigoration With Cytokinins. *The Journal of Animal & Plants Science*. Vol 23(1):121-128.
- Otroshy, M, K. Moradi, M. K Nekouei. 2011. The Effect of Different Cytikinins in Propagation of *Capsicum annuum* L. By In Vitro Nodal Cutting. *Trakia Journal of Science*. Vol 9(3): 21-30
- Parker R. 2009. *Plant and Soil Science: Fundamentals and Application*. Cengeage Learning Inc. USA
- Polprasert C.2007. *Organic Waste Recycling : Technology and Management 3<sup>rd</sup> Edition*.IWA Publishing. UK:134
- Pratiwi, E. Santoso and M. Turjaman. 2012. Penentuan Dosis Bahan Pembenh Tanah untuk Perbaikan Tanah dari Tailing Pasir Kuarsa Sebagai Media Tumbuh Tanaman Hutan. *Jurnal Penelitian Hutan dan Konservasi Alam*. Vol. 9(2):163-174
- Putro A.L and D. Prasetyoko. 2007. Abu Sekam Padi Sebagai Sumber Silika Pada Sintesis Zeolit ZSM-5 Tanpa Menggunakan Templat Organik. *Akta Kimindo*. Vol.3(1): 33-36
- Reitz, S.R & J. T, Trumble. 1996. Effect cytokinin-Containing seaweed extract on *Phaseolus lunatus* L.: influence of Nutrient availability and Apex Removal. *Botanica Marina*. Vol. 39: 33-38
- Rothstein D.E and B.M Cregg. 2005. Effects of nitrogen from on nutrient uptake and physiology of fraser fir (*Abies fraseri*). *Forest Ecology and Management*. 219:69-80
- Sakakibara, H. 2006. Cytokinins: Activity, Biosynthesis and Translocation. *Annu. Rev. Plant Biol.* Vol. 67: 431-449
- Salisbury, F.B and C.W Ross. 2005. *Fisiologi Tumbuhan*. ITB. Bandung
- Santoso, U dan Nursandi F.2002.*Kultur Jaringan Tanaman*.UMM Press.Malang

- Schwartz M. 2006. *Encyclopedia of coastal science*. Springer. New York. pp: 291-292
- Setiari N and Y. Nurchayati. 2009. Eksplorasi kandungan klorofil pada beberapa sayuran hijau sebagai alternative bahan dasar *food supplement*. *BIOMA*. 11 (1):6-10
- Shani E, H. Ben-gera, S. S Burko, Y. Burko, D Weiss, N Ori. 2010. Cytokinin Regulates Compound Leaf Development in Tomato. *The Plant Cell*. Vol. 22:3206-3217
- Smirnof N and G. L Wheeler. 2000. Ascorbic acid in plant: biosynthesis and function. *Critical Review in Biochemistry and Biology*. 35(4): 291-314
- Soeswanto B and N Lintang. 2011. Pemanfaatan Limbah Abu Sekam Padi Menjadi Natrium Silikat. *Jurnal Fluida*. Vol.7(1): 18-22
- Sofyan S.E, M. Riniarti. Duryat. 2014. Pemanfaatan limbah teh, sekam padi, dan arang sekam padi sebagai media tumbuh bibit trambesi (*Samanea saman*). *Jurnal Sylva Lestari*. 2(2):61-70
- Souri S. 2001. Penggunaan Pupuk Kandang Meningkatkan Produksi Padi. Instalasi Penelitian dan Pengkajian Teknologi Pertanian Mataram. Mataram
- Srivastava L.M. 2002. *Plant Growth and Development Hormones and Enviroment*. Elsevier. USA: 191-205
- Sudihardjo, AM., 2000. Perbaikan Sifat fisik Tanah Subordo Psamments Dalam Upaya Rekayasa Budidaya tanaman Sayuran di Lahan Beting Pasir.Pros. Seminar Teknologi Pertanian untuk mendukung Agribisnis dalam pengembangan ekonomi wilayah dan ketahanan pangan, Yogyakarta 23 No.2000. IP2TR PSE kerjasama dengan UNWAMA Yogyakarta dan UPN "Veteran"Yogyakarta
- Suminarti N. E. 2010. Pengaruh pemupukan N dan K pada pertumbuhan dan hasil tanaman talas yang ditanaman di lahan kering. *Akta Agrosia*.13 (1):1-7
- Sunu, P. 1999. *Pengaruh Aplikasi Zat Pengatur Tumbuh CPPU terhadap "Fruit Set" pada Tanaman Jambu Mete (*Anacardium occidentale* L.)*. Penelitian Bidang Pertanian FP UNS. Surakarta
- Taiz L and E Zeiger. 1999. *Plant Physiology 3<sup>rd</sup> Edition*. Sinauer Associated. Sunderland :494
- Tanimu J, E. O. Uyovbisere, S.W.J Lyocks and Y. Tanimu. 2013. Effects of cow dung on the growth and development of maize crop. *Greener Journal of Agricultural Science*. 3 (5): 371-383
- Tezuka T, M. Harada, M. Johkan, S. Yamasaki, H. Tanaka, M. Oda. 2011. Effect of Auxin and Cytokinin on In Vivo Adventitious Shoot Regeneration from Decipitated Tomato Plants. *Hort Science*. Vol46(12):1661-1665

- Werner T., V. Motyka., M. Strnad.,T. 2001. Regulation of Plant Growth by Cytokinin. *PNAS*. Vol:98. No.18:10487-10492
- Widodo, W. D. 2005. *Memperpanjang Umur Produktif Cabai: 60 Kali Petik*. Penebar Swadaya. Jakarta, hal. 8.
- Wijayani A, W. Widodo. 2005. Usaha Meningkatkan Kualitas Beberapa Varietas Tomat Dengan Sistem Budidaya Hidroponik. *Ilmu Pertanian* .Vol.12(1): 77-83
- Wolucka B. A, A. Goossens, D. Inzé. 2005. Methyl jasmonate stimulate the de novo biosynthesis of vitamin C in plant cell suspension. *Journal of Experimental Botany*. 56 (419): 2527-2538
- Yadav A, R. Gupta, V.K Garg. 2013. Organic manure production from cow dung and biogas plant slurry by vermicomposting under field condition. *Internal Journal of Recycling of Organic Waste in Agriculture*. 2(21): 1-7
- Yangyuoru M, E. Boateng, S.G.K Adiku, D.Acquah, T.A. Adjadeh, F. Mawunya. 2006. Effect of Natural and Synthetic Soil Conditioners on Soil Moisture Retention and Maize Yield. *WAJAE*. Vol. 9
- Yohana O, H. Hanum, Supriadi. 2013. Pemberian bahan silika pada tanah sawah berkadar total P tinggi untuk memperbaiki ketersediaan P dan Si tanah, pertumbuhan dan produksi padi (*Oryza sativa* L.). *Jurnal Online Agrobioteknologi*. 1(4): 1444-1452
- Zayed, M.S, M. K. K Hassanein, N. H Esa, M. M. F Abdallah. 2013. Productivity of pepper crop (*Capsicum annum* L.) as affected by organic fertilizer, soil solarization, and endomycorrhizae. *Annals of Agricultural Science*. Vol. 58(2):131-137
- Zhang K, L. Diedrich, P.C.L John. 2004. The cytokinin requirement for cell division in cultured *Nicotiana plumbaginifolia* cells can be satisfied by yeast Cdc25 protein tyrosin phosphatase. Implications for mechanisms of cytokinin response and plant development. *Plant Physiology*. 137: 308-316
- Zubo Y. A, M. V. Yamburenko, S. Y. Selivankina, F. M. Shakirova, A. M. Avalbaev, N. V. Kudryakova, N.K. Zubkova, K. Liere, O. N. Kulaeva, V. V. Kusnetsov, and T. Börner . 2008. Cytokinin Stimulates Chloroplast Transcription in Detached Barley Leaves. *Plant physiol*. Vol. 148(2):1082-1093
- Zwak P.J and A.M Rasotte. 2013. Cytokinin inhibition of leaf senescence. *Plant Signaling & Behaviour*. 8(7):247371-247377