



DAFTAR PUSTAKA

- Bidlack, J.E., S.H. Jansky. 2008. *Stern's Introductory Plant Biology*. 12nd Edition. McGraw Hill International Edition. New York. 168-173
- Campbell, N.A., J.B. Reece, L.A. Urry, M.L. Cain, S.A. Wasserman, P.V. Minorsky, R.B. Jackson., 2008. *Biology*. 8th ed. Pearson Benjammin Cummings. London. 1123 – 1125
- Cimen, B., T. Yesiloglu, M. Incesu, B. Yilmaz. 2014. Growth and photosynthetic response of young 'Navelina' trees budded onto eight citrus rootstocks in response to iron deficiency. *New Zeal J Crop Hort.* 42: 170–182.
- Gavri, S.V. dan R.P. Singh. 2010. Phytotranslocation of Fe by biodiesel plant *Jatropha curcas* L. grown on iron rich wasteland soil. *Brazilian Society Of Plant Physiology*. 22(4): 235-243.
- Godsey, C.B., JP.Schmidt, R.J. Gehl. 2012. Fertilizer Management – Correcting Iron Deficiency in Corn with Seed-Row-Applied Iron Sulfate. *Agron. Journal* 95:160-166
- Hamdani,J.S. 2008. Pertumbuhan dan hasil Bawang Merah Kultivar Kuning pada Status Hara P Total Tanah dan Dosis Pupuk Fosfat yang berbeda. *Jurnal Agrikultura*. Vol 19 (1): 42-49.
- Hopkins, W.G., N.P.A. Hunner. 2009. *Introduction to Plant Physiology*. 4th ed. John Wiley and Sons Inc. Hoboken. 281 – 282
- Horniblow, R.D., M. Dowle, T.H. Iqbal, G.O. Latunde-Dada, R.E. Palmer, Z. Pikramenou, C.Tselpis. 2015. Alginate-Iron Speciation and Its Effect on In Vitro Cellular Iron Metabolism. *Plos-One Research Article*. 10(9): 1- 14
- Incesu, M., T. Yesiloglu, B. Cimen, B. Yilmaz. 2015. Influences of different iron levels on plant growth and photosynthesis of W. Murcott mandarin grafted on two rootstocks under high pH conditions. *Turkish Journal of Agriculture and Forestry*. 39:838-844
- Kobayashi, T. and N.K. Nishizawa. 2012. Iron uptake, translocation and regulation in Higher Plants. *Annual Rev. Plant Biology*. 63: 131-152.
- Konieczyński, M. Wesołowski. 2007. Determination of Zinc, Iron, Nitrogen and Phosphorus in Several Botanical Species of Medicinal Plants. *Polish Journal of Environmental Study*. 16(5): 785 – 790.
- Kementerian Pertanian RI. 2015. Data Produksi bawang merah berdasarkan provinsi, tahun 2011-2015. Jakarta: www.pertanian.go.id/file/RENSTRA_2015-2019.pdf
- Lestari, N.K.D., I.A. Astarini, I.G.M.O. Nurjaya. 2014. Perubahan Anatomi Stomata Daun Lili Trumpet (*Lilium Longiflorum*) Setelah Pemaparan Radiasi Sinar X. *Jurnal Metamorfosa I* (1): 1-5
- Liu, G., L. Zotarelli, Y. Li, D. Dinkins, Q. Wang, M.O. 2014. Hampton. Controlled-Release and Slow-Release Fertilizer as Nutrient Management Tools. *Horticultural Science Department, UF/IFAS*. (1): 1-6
- Mayer, H. 2010. Nutrient Release Patterns Of Controlled Release Fertilizers Used In The Ornamental Horticulture Industry Of South Florida. *A Thesis Presented To The Graduate School Of The University Of Florida In Partial Fulfillment Of The Requirements For The Degree Of Master Of Science University Of Florida*.



- Mehraban, P., A.A. Zadeh, H.R. Sadeghipour. 2014. Iron Toxicity in Rice (*Oryza sativa L.*), under Different Potassium Nutrition. *Asian Journal of Plant Sciences*, 7: 251-259.
- Melwanki, M.B., J. Seetharamappa, S.P. Masti. 2003. Spectrophotometric determination of iron(III) in ore, pharmaceutical formulations, plant material and foodstuff using piroxicam. *Indian Journal of Chemistry*. 42A: 576-578
- Millan, A.F.L., D. Duy, K. Phillippar. 2016. Chloroplast Iron Transport Proteins – Function and Impact on Plant Physiology. *Frontiers in Plant Science Review*. 7 (178): 1- 12
- Miryeganeh M., A. Movafeghi. 2009. Scape anatomy of Allium sect. Allium (Alliaceae) in Iran. *JSUT*. 35 (1): 1-5
- Mnayer, D., A.S. Fabiano-Tixier, E. Petitcolas, T. Hamieh, N. Nahme, C. Ferrant, X. Fernandez, and F. Chemat. . 2014. Chemical Composition, Antibacterial and Antioxidant Activities of Six Essentials Oils from the Alliaceae Family. *Molecules journal* I(19) : 20034-20053
- Mori, S. 1999. Iron Acquisition by plants. *Elsevier Science-Current Opinion in Plant Biology*. 2: 250-253.
- Neaman, A., L. Aguierre. 2007. Comparison of Different Methods for Diagnosis of Iron Deficiency in Avocado. *Proceedings VI World Avocado Congress* (Actas VI Congreso Mundial del Aguacate) Viña Del Mar, Chile. No 978-956-17-0413-8.
- Nenova, V. 2006. Effect of Iron Supply on Growth and Photosystem II Effiiciency of Pea Plantts. *Gen.Appl Plant Physiology*, Special Issue. 1:81-83.
- Pooladvand, S., M. Ghorbanli, M.F. Sepehr. 2012. Effect of various levels of iron on morphological, biochemical, and physiological properties of *Glycine max* var. Pershing. *Iranian Journal of Plant Physiology* 2 (4): 531-538.
- Putrasamedja, S., Suwandi. 1996. *Varietas Bawang Merah di Indonesia*- Monograf No 5. Balai Penelitian Tanaman Sayuran- Pusat Penelitian dan Pengembangan Hortikultura, Badan Penelitian dan Pengembangan Pertanian. Bandung.1: 1,3,6
- Robbins, J. 2005. Slow Release Fertilizer as Tools. *IFA International Workshop on Enhanced-Efficiency Fertilizers*. Frankfurt, Germany(1): 28-39
- Rout, G.R., S. Sahoo.2015 Role of Iron in Plant Growth and Metabolism. *Reviews in Agricultural Science*. 3:1-24.
- Rukmana, R. 1994. *Bawang Merah*. Yogyakarta: Penerbit Kanisius. P:12-17
- Schulte, E.E. 2004. Soil and Applied Iron. *Understanding Plant and Nutrients*. (1): 1-7
- Shoukouhi,A. 2015 *Impact of Zeolite and Soil Moisture on P Uptake*. European Sustainable Phosphorus Conference. Berlin. 1
- Sirait, J. 2008. Luas Daun, Kandungan Klorofil dan Laju Pertumbuhan Rumput pada Naungan dan Pemupukan yang Berbeda. *JITV* 13(2): 109-116.
- Sukma, N.S. 2014. *Karakterisasi dan Kajian Pelepasan Besi (III) dari komposit Alginat/Zeolit/Fe*. Tesis S2 Teknik Kimia Universitas Gadjah Mada. Yogyakarta. 3
- Suryo, M. Suryowinoto, Wibisono, M., Partodidjojo, S., Hardjosuwarno, S., Wirdjohardjo. 1958. *Determinasi Tumbuhan*. (Sanduran dari buku Flora Voor De Scholen in Indonesia karangan Dr.C.G.G.J Van Steenis). Laboratorium



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PENGARUH KOMPOSIT ALGINAT-ZEOLIT Fe (3:1) TERHADAP PERTUMBUHAN DAN HASIL
TANAMAN BAWANG MERAH

(*Allium cepa L.'Bima Brebes'*)

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- Taksonomi Tumbuhan – Fakultas Biologi Universitas Gadjah Mada. Yogyakarta. 84-85
- Taiz, L., and E. Zeiger. 2002. *Plant Physiology*. 3rd ed. Sinauer Association Publisher. Sunderland. 366 – 368.
- Tewari, R.K., F. Hadacek, S. Sassmann., I.Lang. 2013. Iron deprivation-induced reactive oxygen species generation leads to non-autolytic PCD in *Brassica napus* leaves. *Environ Exp Bot.* 91: 74–83.
- Voss, R. 1998. *Micronutrients*. Department of Agronomy Ioa State University. Ames. 2-10
- Wang, D.W., Y.L.Pan. 2010. Effect of Iron on Potato Growth. *Research agronomists, Beijing Academy of Agriculture and Forest Science*. 1-2
- Ward, J.T., B. Lahner, E. Yakubova, D.E. Salt. And K.G. Raghothama. 2008. The Effect of Iron on the Primary Root Elongation of Arabidopsis during Phosphate Deficiency. *Plant Physiol.* Jul. 147(3): 1181–1191.
- Wulandari, Y. 2013. *Sukses Bertanam Bawang Merah dari Nol Sampai Panen*. ARC Media: Jakarta. 37- 41
- Yilmaz,E., I. Sönmez, and H. Demir. 2014. Effects of Zeolite on Seedling Quality and Nutrient Contents of Cucumber Plant (*Cucumis sativus* L. cv. Mostar F1) Grown in Different Mixtures of Growing Media. *Communications in Soil Science and Plant Analysis*. 45: 2767- 2777
- Yousaf, Z., Z.K. Shinwari, R.Asghar., A. Parveen. 2008. Leaf Epidermal Anatomy Of Selected Allium Species, Family Alliaceae From Pakistan. *Pakistan Journal of Botany.*, 40(1):77-90.
- Zhang, F.S., V. Romheld, H. Marschner. 1989. Effect of zinc deficiency in wheat on the release of zinc and iron mobilizing root exudates. *Z. Pflanzenernähr. Bodenkdl.* 152: 205–210