

DAFTAR PUSTAKA

- Ahemad M, Malik A .(2011). Bioaccumulation of Heavy Metals by Zinc Resistant Bacteria Isolated from Agricultural Irrigated with Wastewater. *Bacteriol J* 2:1–10. doi:10.3923/bj.2011
- Alia N, Sardar K, Said M, Salma K, Sadia A, Sadaf S, Toqeer A, Miklas S (2015) Toxicity and Bioaccumulation of Heavy Metals in Spinach (*Spinaciaoleracea*) Grown in a Controlled Environment. *Int J Environ Res Public Health* 12:7400– 7416 doi:10.3390/ijerph120707400
- Akan JC, Mohmoud S, Yikala BS, Ogugbuaja VO (2012) Bioaccumulation of Some Heavy Metals in Fish Samples from River Benue in Vinikilang, Adamawa state, Nigeria. *AmJ Analyt Chem* 3:727–736. doi:10.4236/ajac.2012.311097
- Anahid S, Yaghmaei S, Ghobadinejad Z (2011) Heavy Metal Tolerance of Fungi. *Sci Iran* 18:502–508
- Badan Litbang Pertanian. 2006. *Prospek dan Arah Pengembangan Agribisnis Bawang Merah*. Jakarta: Badan Penelitian dan Pengembangan Pertanian Kementerian Pertanian.
- Badan Pusat Statistik. 2015. *Statistik Produksi Hortikultura Tahun 2014*. Jakarta: Direktorat Jendral Hortikultura Kementerian Pertanian.
- Badan Standarisasi Nasional, 2008. SNI 1373:2008. *Batas Maksimum Residu Pestisida pada Hasil Pertanian*.
- Chaverri, P. Fabiano Branco-Rocha, Walter Jaklitsch, Romina Gazis, Thomas Degenkolb & Gary J. Samuels. 2017. Systematics of the *Trichoderma harzianum* Species Complex and the Re-Identification of Commercial Biocontrol Strains. <https://doi.org/10.3852/14-147>
- Chipasa KB (2003) Accumulation and Fate of Selected Heavy Metals in a Biological Wastewater Treatment System. *Waste Manag* 23:135–143
- Damodaran D, Suresh G, Mohan RB (2011) Bioremediation of Soil by Removing Heavy Metals Using *Saccharomyces cerevisiae*. *2nd International Conference on Environmental Science and Technology*. Singapore
- Deri., Emiyarti., Afu, La Ode A. “Kadar Logam Berat Timbal (Pb) pada Akar Mangrove *Avicennia marina* di Perairan Teluk Kendari”. *Jurnal Mina Laut Indonesia* (2013): 38-48.
- Fardiaz, Srikandi. 1992. *Polusi Udara dan Air*. Yogyakarta: Kanisius
- Fazli, M. Soleimani, N, Ramazani, A. 2015. Highly Cadmium Tolerant Fungi : Their Tolerance and Removal Potential. *Journal of Environmental Health Science & Engineering* 13:19
- Gandjar, I. 2006. *Mikologi Dasar dan Terapan*. Ed.1. Yayasan Obor Indonesia. Jakarta
- Hajoeningtjas, O. D. 2018. Isolasi dan Identifikasi Fungi Non-Simbiosis di Rizosfer Bawang Merah (*Allium ascalonicum* L.) Pada Lahan Tercemar Logam Berat Pb di Kecamatan Wanasari dan Larangan Kabupaten Brebes. (*Laporan Penelitian* belum di Publikasikan)

- Hall. J.L. 2001. Cellular Mechanisms for Heavy Metal Detoxification and Tolerance. *Journal of Experimental Botany*, Vol.53, No. 366, pp. 1-11 January 2002
- Hartini. E. 2010. *Jurnal Visikes* – vol. 10/ No.2/September 2011
- Herawaty A, Nadhira. 2009. *Kajian Penggunaan Pestisida Oleh Petani Pemakai Serta Informasi Dari Berbagai Stakeholder Terkait Di Kabupaten Karo Sumatera Utara*. Diakses di www.info.stppmedan.ac.id/pdf/jurnalhera1.pdf pada tanggal 13 mei 2018.
- Hidayat, A., Y. Hilman, N. Nurtika, Suwandi. 1991. Hasil-Hasil Penelitian Sayuran Dataran Rendah dalam *Prosiding Lokakarya Nasional Sayuran*, Lembang, 22-24 Nopember 1990
- Houbraken, J. J.C. Frivad, R.A. Samson. 2010. Fleming's *Penicilin* Producing Strain is not *Penicilium Chrysogenum* but *P. Rubens*. *IMA Fungus*. Pp.87-95
- Howell, CR. 2003. Mechanisms Employed by Trichoderma Species in the Biological Control of Plant Diseases: *The history and evolution of current concepts*. *Plant Disease*. 87(1): 1-10.
- Iram S, Ahmad I, Javed B, Yaqoob S, Akhtar K, Kazmi MR, Uz-Zaman B (2009) Fungal Tolerance to Heavy Metals. *Pak J Bot* 41:2583-2594
- Khoiroh Z. 2014. *Bioremediasi Logam Berat Timbal (Pb) dalam Lumpur Lapindo Menggunakan Campuran Bakteri (Pseudomonas pseudomallei dan Pseudomonas aeruginosa)*. Jurusan Biologi UIN Maulana Malik Ibrahim Malang.
- Kouba A, Buřič M, Kozák P (2010) Bioaccumulation and Effects of Heavy Metals in Crayfish: A review. *Water Air Soil Pollut* 211:5-16. doi:10.1007/s11270-009-0273-8
- Kuffner, M., Puschenreiter, M., Wieshammer, G., Gorfer, M and Sessitch, A. 2008. Rhizosphere Bacteria Affect Growth and Metal Uptake of Heavy Metal Accumulating Willows. *Plant Soil*, 304 : p.35-44
- Kumar, M., A. Kaushik, S. Chaidary, Sumit, K. Pal, 2012. Studies on Phytoremediation of Heavy Metal Contaminated Soil by Arbuscular Mycorrhizal Fungus. *International Journal of Pharma Professional's Research* 3(2), pp. 616-621
- Kurnia, U, Kurniawansyah, AM, Sukristiyonubowo, dan Subowo. 1999. Pengaruh Logam Berat Pb dalam Tanah terhadap Kandungan Pb, Pertumbuhan dan Hasil Tanam Caisem (*Brassica rapa*). *Prosiding Seminar Nasional Sumber Daya Tanah, Iklim dan Pupuk*. Puslittanak, Bogor
- Laegreid M, Bockman OL. & O Kaarsstad. 1999, Agriculture, Fertilizers & The Environment, Norway: *Cabi Publishin*
- Lasad, M.M and EPA, 2009. *The Use Plants for Removal of Toxic Metals from Contaminan Soil*. America Asosiation for the Advancement of science and Enviromental Ecience and Engineering Fellow. Enviromental Protection Agency (EPA) Published.
- Lasat, M.M. 2000. Phytoextraction of Metals from Contaminated Soil: A Review of Plant/Soil/Metal Interaction and Assessment of Pertinent Agronomic Issues. *Journal of Hazardous Substances Research* 2: 1-25.

- Lumbanraja, P. 2014. *Mikroorganisma dalam Bioremediasi*. Universitas Sumatera Utara.
- Long, B. Ye, B. Liu, Q. Zhang, S. Ye, J. Zou, L. Shi, J. 2018. Characterization of *Penicillium oxalicum* SL2 Isolated from Indoor Air and its Application to the Removal of Hexavalent Chromium. <https://doi.org/10.1371/journal.pone.0191484>
- Maruthi YA, Hossain K, Thakre S (2013) *Aspergillus flavus*: A Potential Bioremediator for Oil Contaminated Soils. *Eur J Sustain Dev* 2:57–66
- Mohsenzadeh F, Shahrokhi F (2014) Biological Removing of Cadmium from Contaminated Media by Fungal Biomass of *Trichoderma* Species. *J Environ Health Sci Eng* 12:1–7
- Munir., E. 2006. Pemanfaatan Mikroba dalam Bioremediasi: Suatu Teknologi Alternatif untuk Pelestarian Lingkungan. *USU e-Repository*
- Nurjaya, Zihan E., Saeni S. 2006. Pengaruh Amelioran Terhadap Kadar Pb Tanah, Serapannya Serta Hasil Tanaman Bawang Merah pada Inceptisol. *Jurnal Ilmu Ilmu Pertanian Indonesia* Volume 8, Nomor 2: 110–119.
- Notodarmojo S. 2005. *Pencemaran Tanah dan Air Tanah*. Penerbit ITB, Bandung.
- Palar H. 2008. *Pencemaran dan Toksikologi Logam Berat*. Rineka Cipta, Jakarta.
- Pattern, C.L and Glick, B.R. 2002. Role of *Pseudomonas putida* Indole Acetic Acid in Development of the Plant Root System. *App Environ Microbiol*, 63:p.3795-3801
- Pereira, E, Maria I de M Sarquis, Ruth Leila Ferreira-Keppler, Neusa Hamada, Yamile B Alencar. 2009. Filamentous Fungi Associated with Mosquito Larvae (Diptera: Culicidae) in Municipalities of the Brazilian Amazon. *Neotrop. entomol.* vol.38 no.3
- Pitojo, S. 2003. *Benih Bawang Merah*. Kanisius. Yogyakarta.
- Pusat Data dan Sistem Informasi Pertanian. 2015. *Outlook Bawang Merah*. Kementerian Pertanian.
- Pusat Data dan Sistem Informasi Pertanian. 2016. *Outlook Bawang Merah*. Kementerian Pertanian
- Raka, IG, 2006, *Eksplorasi dan Cara Aplikasi Agensia Hayati Trichoderma sp. Sebagai Pengendali Organisme Pengganggu Tumbuhan (OPT)*. Dinas Pertanian Tanaman Pangan UPTD Balai Proteksi Tanaman Pangan dan Hortikultura, Bali
- Raven, P. H., L. R. Berg, and G. B. Johnson 1998. *Environment*, Saunders College Publishing, New York, NY, USA, 2nd edition
- Rukmana, R. 2002. *Bawang Merah, Budidaya dan Pengolahan Pascapanen*. Kanisius. Yogyakarta. 68 hal.
- Samson, RA, Hoekstra ES, Frisvad JC and Filtenborg O. 1995. *Introduction to Food Borne Fungi*, Edisi ke-4, Posen and Looyen, Netherland
- Sartono. 2009. *Bawang Merah, Bawang Putih, Bawang Bombay*. Intimedia Cipta Nusantara. Jakarta Timur. 57 hal.
- Setyorini D ; R Saraswati & EK Anwar. 2009. *Pupuk Organik dan Pupuk Hayati*. Availabel at: <http://balittanah.litbang.deptan.go.id> (diakses 10 mei 2018).
- Subowo, Kurniansyah AM, Sukristiyonubowo. 1999. Pengaruh Logam Berat Pb dalam Tanah terhadap Kandungan Pb, Pertumbuhan dan Hasil

- Tanam Caisem (*Brassica rapa*). *Prosiding Seminar Sumber Daya Tanah, Iklim dan Pupuk*. Puslittanak. Bogor
- Sumadi. 2003. *Intensifikasi Budidaya Bawang Merah*. Kanisius. Yogyakarta. 80hal.
- Sunarjono, H. 2003. *Bertanam 30 Jenis Sayur*. Penebar Swadaya. Jakarta. 132 hal.
- Suriani, N. 2011. *Bawang Bawa Untung Budidaya Bawang Merah dan BawangPutih*. Cahaya Atma Pustaka. Yogyakarta. 30 hal.
- Sutrisno dan Henny. 2015. *Buletin Palawija* Vol. 13 No. 1
- Varga, J. Frisvad, S. Koscue, B. Brankovics, B. Toth, G. Szigeti., R. a Samson. 211. *New and Revisited Species in Asperillus Secion Nigi*. CBS Fungal Biodiversity Centre.
- Watanabe, T. 2002. *Pictorial Atlas of Soil and Seed Fungi: Morphologies of Culture Fungi and ey to Species*, Second Edition. CRC Press.
- Wibowo, S. 2005. *Budidaya Bawang Putih, Merah dan Bombay*. Jakarta: Penebar Swadaya. hal: 17-23.
- Wijaya, S. 2002. Isolasi Kitinase dari *Scleroderma columnare* dan *Trichoderma harzianum*. *Ilmu Dasar*. vol. 3 no. 1 hal. 30-35

