

DAFTAR PUSTAKA

- Ahmad, Munir., A R A Usman, A S Al-Faraj, M Ahmad, A Sallam, M Al-Wabel. 2018. Phosphorus-loaded biochar changes soil heavy metals availability and uptake potential of maize (*Zea mays* L.) plants. *Chemosphere*: 327-339.
- Amirullah. 2006. Penggunaan Pupuk Organik pada Jagung. Balai Pengkajian Teknologi Pertanian.< <http://www.sulsel.litbang.pertanian.go.id>>.
- Azeem K, S K Khalil, F Khan, Shahenshah, A Qahar, M Sharif, M Zamin. 2014. Phenology, yield and yield components of maize as affected by humic acid and nitrogen. *Journal of Agricultural Science*: 1916-9760.
- Balai Penelitian Tanaman Serealia.. 2013. Deskripsi Varietas Unggul Jagung. Badan Penelitian dan Pengembangan Pertanian Kementerian Pertanian, Maros
- Buckler. Edward dan Natalie M S. 2005. Maize origins, domestication, and selection. *Genetics and Origins of Crops* 68-69.
- Dariah, A. Dan Nurida. 2011. Formula pembenah tanah diperkaya senyawa humat untuk meningkatkan produktivitas tanah ultisols Taman Bogo, Lampung. *Jurnal Tanah dan Iklim* 33:33-38.
- Daur. Ihsanul dan Ahmed A. Bakhshwain 2013. Effect of humic acid on growth and quality of maize fodder production. *Pakistan Journal Botany* 45:21-25.
- Department of Health and Ageing Australian Government. 2008 . The Biology of *Zea mays* L. ssp *mays* (maize or corn). Australian Government, Office of the Gene Technology Regulator.
- Erro J, O Urrutia, R Baigorri, M Fuentes, A M Zamarreno, J M Garcia-Mina. 2016. Incorporation of humic- derived active molecules into compound NPK granulated fertilizers: main technical difficulties and potential solutions. *Chemical and Biological Technologies in Agriculture*.
- Fahramand, Muhammad., Hossein Moradi, Mohsen Noor, Alireza Sobhkhizi², Mohammad Adibian², Shila abdollahi³ and Khashayar Rigi. 2014. Influence of humic acid on increase yield of plants and soil properties. *International Journal of Farming and Allied Sciences*.
- Fauziah, A. B. 2009. Pengaruh asam humat dan kompos aktif untuk memperbaiki sifat tailing dengan indikator pertumbuhan tinggi semai *Enterolobium cyclocarpum* Griseb dan *Altingia excelsa* Noronhae. Institut Pertanian Bogor.
- Haynes dan Molokobate. 2001. Amelioration of Al toxicity and P deficiency in acid soils by additions of organic residues: a critical review of the phenomenon and the mechanisms involved. *Nutrient Cycling in Agroecosystem* 47-63.

- Kementerian Pertanian. 2016. Outlook Komoditas Pertanian Subsektor Tanaman Pangan (Jagung). Pusat Data dan Sistem Informasi Pertanian.
- Kling, Jennifer dan Gregory Edmeades. 1997. Morphology and Growth of Maize. IITA/CIMMYT Research Guide.
- Mulyani, A, S Ritung, Irsal L. 2011. Potensi dan ketersediaan sumber daya lahan untuk mendukung ketahanan pangan. Jurnal Litbang Pertanian : 73-80.
- Mulyani, A., Rachman, Dairah. 2010. Penyebaran lahan masam, potensi, dan ketersediaannya untuk pengembangan pertanian. Jurnal Litbang Pertanian: 26-42.
- Mulyo, J H, Yudhi S, Isti W. 2008. Mengkaji prospek dan kedaulatan pangan di Indonesia. Kedaulatan Pangan untuk Kedaulatan Negara: 312-32.
- Notohadiprawiro, Tejoyuwono. 2006. Persoalan tanah masam dalam pembangunan pertanian di Indonesia. Makalah Seminar Pertanian Dies Natalis UGM ke-34.
- Nurida, Neneng Laela. 2006. Peningkatan Kualitas Ultisol Jasinga Terdegradasi dengan Pengolahan dan Pembenahan Bahan Organik. Disertasi. Institut Pertanian Bogor.
- O'Keeffe, Kieran. 2009. Maize growth and Development. NSW Department of Primary Industries, Sidney.
- Plessis. Jean. 2003. Maize Production. Department Agriculture Republic of South Africa, South Africa.
- Puslitbangtanak. 2001. Atlas Arahana Tata Ruang Pertanian Indonesia. Skala 1:1.000.000. Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor.
- Riliang Gu, Chen F, L Lizhi, C Hongguang, L Zhigang, Y Jiabo, W Lifeng, L Huiyong, L junhui, L Wenxin, M Guohua, Z Fusuo, Y Lixing. 2016. Enhancing phosphorus uptake efficiency through QTL-based selection for root system architecture in maize. Journal of Genetics and Genomics:663-672.
- Rukmana, Rahmat. 1997. Usaha Tani Jagung. Penebar Swadaya, Jakarta.
- Sathiya, K Bama. 2002. Impact of humic acid on soil fertility and response of rice in alfisol and inceptisol. Department of Soil Science and Agricultural Chemistry, Tamil Nadu University.
- Sheng Yu, B Y Li, Y Chen. 2015. Influences of humic acid and fulvic acid on horizontal leaching behavior of anthracene in soil barriers. Environ Sci Pollut Res:20114–20120.
- Sirappa, M. P., Nasruddin, R. 2010. Peningkatan produktivitas jagung melalui pemberian pupuk N, P, K, dan pupuk kandang pada lahan kering di Maluku. Prosiding Pekan Serealia Nasional:277-286.

- Smith, C W. 2004. Corn: Origin, History, Technology, and Production. Wiley Series, United States of America.
- Subekti, N A, Syariffudin, Roy Effendi, Sri Sunarti. 2013. Morfologi Tanaman dan Umur Pertumbuhan Jagung. Balai Penelitian Tanaman Serealia, Maros.
- Suwardi. 2013. Uji genotipe jagung hibrida umur genjah toleran lahan masam di Kalimantan Selatan. Seminar Nasional Serealia:146-154.
- Swastika, D, Adang A, Tahlim S. 2011. Analisis Senjang Penawaran Dan Permintaan Jagung Pakan dengan Pendekatan Sinkronisasi Sentra Produksi, Pabrik Pakan dan Populasi Ternak di Indonesia. Makalah Badan Litbang Pertanian.
- Syekhfani. 2016. Asam Humat dalam Praktek. <<http://syekhfanisd.lecture.ub.ac.id>>.
- Tamad, Azwar, Bostang R., Eko H, Jaka W. 2013. Ketersediaan fosfor tanah andisol untuk jagung (*Zea mays* L.) oleh inokulum bakteri pelarut fوسفat. Jurnal Agronomi Indonesia 2: 112-117.
- Tan, Kim. 2014. Humic Matter in Soil and the Environment, Principles and Controversies. CRC Press, New South Wales.
- United States Department of Agriculture. Classification for Kingdom Plantae Down to Species *Zea mays* L. Natural Resource Conservation Service. <<https://plants.usda.gov/java/ClassificationServlet?source=display&classid=ZEMA>>.
- Xia H, Jia Huanzhao, Jia Haosun, Xing Guobao, Peter, Fusuo, Long Li. 2013. Dynamics of root length and distribution and shoot biomass of maizeas affected by intercropping with different companion crops and phosphorus application rates. Field Crop Research 52-62.
- Zhu, Jing, M Li, M Whwlan. 2018. Phosphorus activators contribute to legacy phosphorus availability in agricultural soils: a riview. Science of the Total Environment:522-537.