

## DAFTAR PUSTAKA

- Alexander, M. 2012. Evaluation of drought tolerance of corn (*Zea mays*. L) hybrids and their response to biofertilizer. The Asian and Australian Journal of Science and Biotechnology 6: 115 – 117.
- Anonim. 2010. Pupuk Organik Tingkatkan Produksi Pertanian. [www.pustaka-deptan.go.id/publikasi/wr276057.pdf](http://www.pustaka-deptan.go.id/publikasi/wr276057.pdf) diakses pada tanggal 16 April 2018.
- Aslam, M., M.S.I. Zamir, I. Afzal, M. Yaseen, M. Mubeen, and A. Shoaib. 2013. Drought stress, its effect on maize production and development of drought tolerance through potassium application. *Cercetări Agronomice în Moldova* 48: 99 – 114.
- Aslam, M., M. Maqbol., and R. Cengiz. 2015. Chapter 2 : Effects of drought on maize. Springer 8 : 5 – 17.
- Balittanah. 2005. Petunjuk Teknis Analisis Kimia Tanah, Tanaman, Air, dan Pupuk. Balai Penelitian Tanah, Bogor.
- Balser, T.C, D. Wixon, L.K. Moritz, and L. Lipps. 2010. The Microbiology of Nature Soil. In, Geoffrey R. Dixon, dan Emma L. Tilston, *Soil Microbiology and Sustainable Crop Production*. Springerlink, UK.
- Banziger, M., G.O. Edmeades, D.Beck, and M. Bellon. 2000. Breeding for Drought and Nitrogen Stress. Mexico, CIMMYT.
- Farooq, M., A. Wahid., N. Fujita. and S.M.A. Basra. 2009. Plant Drought Stress: Effects, Mechanisms and Management. In: E. Lichtfouse, M. Navarrete, P. Debaeke, S. Véronique, dan C. Alberola (Eds). *Sustainable Agriculture*. Springer Netherlands.
- Earl, H. J and R. F. Davis. 2003. Effect of drought stress on leaf and whole canopy radiation use efficiency and yield of maize. *Agronomy Journal* 95:688-696.
- Glick, B. R. 2012. Plant growth – promoting bacteria : Mechanisms and applications. Hindawi Publishing Corporation Scientifica (2012) : 1 – 15.
- Handayani, D. 2000. Dinamika populasi Rhizobakteri osmotoleran pada tanah yang diberi BO pada dua aras lengas tanah. Sekolah Pascasarjana. Universitas Gadjah Mada. Master tesis.

- Johansson, I., M. Karlsson, U. Johanson, C. Larsson, and Per Kjellborn. 2000. The role of aquaporins in cellular and whole plant water balance. *Biochemica et Biophysica Acta* 1465 : 324-342.
- Jutono, J.S., S. Hartadi, S. Kabirun, Suhadi, dan Soesanto. 1973. *Pedoman Praktikum Mikrobiologi Umum untuk Perguruan Tinggi*. Universitas Gadjah Mada Press. Yogyakarta.
- Kloepper, J. W. 1993. Plant growth-promoting rhizobacteria as biological control agents. *In: F.B. Metting, Jr. (ed)., Soil Microbiology Ecology Application in Agricultural dan Environmental Management*. Marcel Dekker Inc., New York.
- Lakitan, B. 2004. *Dasar-dasar Fisiologi Tumbuhan*. PT. Raja Grafindo Persada. Jakarta.
- Li, C., Ranghai, W., Husen, and L, Qinghong. 2017. Characteristics of meteorological drought pattern and risk analysis for maize production in Xinjiang, Northwest China. Springer.
- Loper, J.E., C. Haack and M.N. Schroth. 1985. Population dynamics of soil pseudomonas in the rhizosphere of potato (*Solanum tuberosum*). *Appl. Enviromen Microbiol.* 49 : 416-422.
- Purwono dan R. Hartono. 2008. *Bertanam Jagung Unggul*. Swadaya. Jakarta, hal.10-11.
- Rachim, D.A dan Suwardi. 1999. *Morfologi dan Klasifikasi Tanah*. Jurusan Tanah. Fakultas Pertanian. Institut Pertanian Bogor.
- Roesmarkam, A. dan N. W. Yuwono. 2002. *Ilmu Kesuburan Tanah*. Penerbit Kanisius. Yogyakarta.
- Sinclair, R., Russell, and C. Muchow. 2001. System analysis of plant traits to increase grain yield on limited water supplies. *Agronomy Journal* 93:263-270.
- Suryana, A., dan A. Agustian. 2014. Analisis daya saing usaha tani jagung di Indonesia. *Pusat Sosial Ekonomi dan Kebijakan Pertanian* 2: 143-156.
- Sutejo, M.M. 2002. *Pupuk dan Cara Pemupukan*. PT. Rineka Cipta, Jakarta.
- Titah dan J, Purbopuspito. 2016. Respon Pertumbuhan jagung terhadap pemberian pupuk NPK, Urea, SP-36, dan KCL. *Fakultas Pertanian Unsrat Manado* 2: 62-69.
- Tourchi, M., H. E. Shashidhar and T. M. G. S. Hittalmani. 2003. Performance of backcrosses involving transgressant doubled haploid lines in rice under contrasting moisture regimes. *Crop science* 43: 1448-1456.

- Tyas, M. 2015. Peranan Inokulum Ganda Rhizobia Pembintil Akar dan Rhizobakteri Osmotoleran terhadap Pertumbuhan Tanaman Kedelai dalam Kondisi Cekaman Kekeringan. Universitas Gadjah Mada. Skripsi.
- Yang, J., Zhang, J., Wang, Z., Zhu, Q. and Liu, L. 2002. Abscisic acid and cytokinins in the root exudates and leaves and their relationship to senescence and remobilization of carbon reserves in rice subjected to water stress during grain filling. *Planta*. 215:645-652.
- Yuwono, T. 2005. Metabolism of betaine as a carbon source by an osmotolerant bacterium isolated from the weed rhizosphere. *World Journal of Microbiology* 21:69-73.