

DAFTAR PUSTAKA

- Anjum, S.A., X.Y. Xie., L.C.Wang., M.F. Salem., C. Man., & W. Lei. 2011. Morphological, Physiological, and Biochemical Responses of Plants to Drought Stress. *African J. of Agric. Res.* 6(9): 2026 – 2032.
- Allen, R.G., L. Pereira, D. Raes, and M. Smith. 1998. *FAO Irrigation and Drainage Papper no. 56: Crop Evapotranspiration, guidelines for computing crop water requirements*. Food and Agriculture Organisation of the United Nations. Rome. Italy.
- ASAE. 1996a. *Field evaluation of micro irrigation systems*. EP405.ASAE Standards, Amer. Soc. Agric. Eng., St, Joseph, MI.: 756-759.
- ASAE. 1996b. *Design and installation of micro irrigation systems*. EP405. ASAE Standards, Amer. Soc. Agric. Eng., St. Joseph, MI.: 792- 797.
- Barbosa, R.N., Overstreet, C. 2009. *What is Soil Electrical Conductivity*. Diakses 22 Maret 2015, Pukul 18.30 . URL: www.LSUAgCenter.com
- Bashour, Issam I. dan Sayegh, Antoine H. 2007. *Methods of Analysys for Soils of Arid and Semi-arid Regions*. Food and Agriculture Organisation of the United Nations. Rome. Italy.
- Burton, Martin. 2010. *Irrigation management: Principles and Practice*. CABI. United Kingdom.
- Corley, R.H.V. and Tinker, P.B. (2003). *The Oil Palm*, 4th edn. Oxford, UK: Blackwell Publishing.
- Darmosarkoro, W., Akiyat, Sugiyono, Sutarta, E. D. 2008. *Pembibitan Kelapa Sawit. Seri Kelapa Sawit Populer 01*. Pusat Penelitian Kelapa Sawit: Medan.
- Dewangga, D.A, 2015. *Pengembangan Sistem Irigasi Tetes Terkendali Berbasis Sensor Lengas Tanah*. Tesis Pascasarjana. Jurusan Teknik Pertanian. Fakultas Teknologi Pertanian. Universitas Gadjah Mada
- Ditjenbun, 2014. *Statistik Perkebunan Indonesia 2013-2015*. Direktorat Jenderal Perkebunan. Jakarta.
- Doorenbos, J. Pruitt, W.O. 1977. *Crop water requirement*. Irrigation and Drainage Paper, FAO, Rome,. 83-85
- Farooq, M., A. Wahid., N.Kobayashi., D. Fujita., & S.M.A. Basra.2009. Plant Drought Stress: Effects, Mechanisms and Management. *Agron. Sustain. Dev.* 29 (2009): 185–212. online at: www.agronomy-journal.org

- Goyal, M. R. 2013. *Management of Drip/Tricle or Micro Irrigation*. Apple Academic Press Inc. Oakville. Canada
- Grisso, R.B., Alley, M.W.G., Holshouser, D. 2009. Precision Farming Tools: Soil Electrical Conductivity. Virginia Tech. Diakses 22 Maret 2015, Pukul 18.30. URL: www.ext.vt.edu.
- Hanson, A.N.E. Hoffman, and C Samper.1986. **Identifyng and Manipulating Metabolic Stress-Resistance Traits**. Horts Science. 21 (6) : 1313-1317.
- Hartz, T. dan Hanson, D.B. 2009. *Drip Irrigation and Fertigation Management of Processing Tomato*.University of California. USA.
- IRYDA (Instituto de Reforma Y Desarrollo Agrario). 1983. *Normas para la redacción de proyectos de riego localizado*. Ministerio de Agricultura, Pescay Alimentación. Madrid, Spain.
- James, G. Larry. 1988. *Principles of Farm Irrigation Design*. John Wiley & Sons, Inc. Canada.
- Judika, Nababan., Islan., dan Gulat, M E, Manurung. 2014. Uji Pemberian Volume Air Melalui Sistem Irigasi Tetes Pada Pembibitan Utama (Main Nursery) Kelapa Sawit (*Elaeis Guineensis* Jacq). Vol.1. Jurnal Faperta Universitas Riau. Riau.
- Keller, J. and D. Karmeli. 1978. *Trickle irrigation design parameters*. Trans. of ASAE, 17(4):678-684
- Levitt, J. 1980. Responses of Plants to Environmental Stresses : Water, Radiation, Salt, and Other Stresses. Vol II. Academic Press. New York-London-Toronto-Sidney-San Fransiscomm
- Lubis, A.U. 2008. Kelapa Sawit (*Elaeis guineensis* Jacq.) Di Indonesia Edisi 2. Pusat Penelitian Kelapa Sawit: Medan.
- Luthra, S.K., 1997. *Design and Development of an Auto Irrigation System*. Agricultural Water Management. 33.169-181.
- Mahamooth, T. N., Gan, H.H., Kee, K.K., dan Goh, K.J. (2008) Water requirements and cycling of oil palm. Proceedings of Agronomy Crop Trust (ACT) Agronomic Principles and Practices of Oil palm Cultivation. Sarawak.p 57-96.

- Mathius, N. T., Liwang, T., Danuwikarsa, M. I., Suryatmana, G., Djajasukanta, H., Saodah, D. dan Astika, I. G. P. W. 2004. Respons Biokimia Beberapa Progeni Kelapa Sawit (*Elaeis guineensis* Jacq.) Terhadap Cekaman Kekeringan Pada Kondisi Lapang. Balai Penelitian Bioteknologi Perkebunan Indonesia, Bogor. <http://www.ipard.com/infopstk/publikasi/e-jurnal/biotek/mp72-02-01.pdf>. [Diakses 19 Mei 2016].
- Mawardi, M. 2011. *Tanah, Air dan Tanaman : Asas Irigasi dan Konservasi Air*. Penerbit Bursa Ilmu, Yogyakarta.
- Mostafa, Harby M.S. 2010. Studies on Bioplastic for Developing and Evaluating of Drip Irrigation. Justus Liebig University Giessen Faculty of Agricultural Sciences, Nutritional Sciences and Environmental Management. Germany.
- Nouy, B. Baudouin, L., Deje' gul, N. and Omore', A. (1999). Le palmier a` huile en conditions hydriques limitantes. *Plantations, Recherche, De'veloppement* 6:31–45.
- Nurbaiti, A. E. Yulia, dan J. Sitorus. 2012. Respon Pertumbuhan Bibit Kelapa Sawit (*Elaeis guineensis* Jacq.) Pada Medium Gambut Dengan Berbagai Periode Penggenangan. J. Agrotek. Trop. 1 (1): 14 – 17 (2012). Fakultas Pertanian Universitas Riau
- Pahan, Iyung. 2013. Panduan Lengkap Kelapa Sawit. Penebar Swadaya. Jakarta.
- Purwantoro. 2014. Sprinkler efektif bantu pembibitan kelapa sawit. Diakses 7 Desember 2016. URL : <https://sawitindonesia.com/sajian-utama/sprinkler-efektif-bantu-pembibitan-sawit>
- Rijsberman, F. 2002. *Water for Food and Environment: The Need for Dialogue*. Agriculture and Rural Development Magazine. Vol 9, no 2 tahun 2002
- RELMA. 2003. Component of a drip irrigation system. http://www.cseindia.org/dte-supplement/water20031115/dripping_promse.htm
- Salman, I., E. Syahputra dan Fatmawati. 1993. Hubungan antara Mutu Akar dengan Persentase Hidup Klon Kelapa Sawit di Pre-Nursery. Berita PPKS. 1 (2):149-159.
- Sartohadi, J. dan Saragih, J. 2004. Estimasi Rejim Kelembaban Tanah Berdasarkan Analisis Curah Hujan, Suhu Udara dan Bentuklahan Tanah: Studi Kasus di Satuan Wilayah Sungai (SWS) Pemali-Comal. *Jurnal Geografi Universitas Muhammadiyah Surakarta*. Surakarta.
- Satohadi, J. 2007. Terapan Geomorfologi dalam Pengelolaan

- Sartohadi, Junun dkk. 2012. *Pengantar Geografi Tanah*. Pustaka Pelajar: Yogyakarta.
- Savva, A. P. & Franken, K. 2002. *Irrigation Manual: Planning, Development Monitoring and Evaluation of Irrigated Agriculture with Farmer Participation*. Fontline Electronic Publishing. Harare. Zimbabwe.
- Schwab, G., Fangmeier, D., Elliot, W., dan R. Frevert. 1992. *Soil and Water Conservation Engineering, 4th edition*. John Wiley & Sons. New York. USA.
- Suhartono., R.A. Z. Sidqi., & A. Khoiruddin. 2008. Pengaruh Interval Pemberian Air Terhadap Pertumbuhan dan Hasil Tanaman Kedelei (*Glycine max* L. Merrill.) Pada Berbagai Jenis Tanah. *EMBRYO* 5(1): 98-112
- Sunarko, 2009. Budidaya dan Pengolahan Kebun Kelapa Sawit Dengan Sistem Kemitraan. Jakarta. Agromedia Pustaka
- Sunarko, 2007. Petunjuk Praktis Pengolahan dan Budidaya Kelapa Sawit. Jakarta. Agromedia Pustaka
- Sutarta, E. S, S. Rahutomo, W. Darmosarkoro dan Winarna. 2003. Peranan unsur hara dan sumber hara pada pemupukan tanaman kelapa sawit, hal. 81. Dalam W. Darmosarkoro, E. S. Sutarta dan Winarna (Eds). Lahan dan Pemupukan Kelapa Sawit. Pusat Penelitian Kelapa Sawit. Medan.
- Tinker, P.B. (1976). Soil requirements of the oil palm. In *Oil Palm Research*, pp. 165–181 (ed. R.H.V. Corley, J.J. Hardon and B.J. Wood). Amsterdam, Netherlands: Elsevier.
- Turner, P.D. and R.A. Gillbanks, *Oil Palm cultivation and management* (Kuala Lumpur: Incorp. Soc. of Planters, 1988).
- UU RI No. 7 Tahun 2004 tentang Sumberdaya Air.
- Wayah, E., Sudiarso., & R. Soelistyono. 2014. Pengaruh Pemberian Air Dan Pupuk Kandang Sapi Terhadap Pertumbuhan Dan Hasil Tanaman Jagung Manis (*Zea mays Saccharata* Sturt L.). *Jurnal Produksi Tanaman*, 2 (2): 94-102
- WMO. 2009. *Guide to Hydrological Practices Volume II: Management of Water Resources and Application of Hydrological Practices*. World Meteorological Organization (WMO). Switzerland.