

DAFTAR PUSTAKA

- Abdullah, A. A., M. H. Ammar, & A. T. Badawi. 2010. Screening rice genotypes for drought resistance in Egypt. *Journal of Plant Breeding and Crop Science* 2(7):205-215.
- Akram, H. M., A. Ali, A. Sattar, H.S.U. Rehman, & A. Bibi. 2013. Impact of water deficit stress on various physiological and agronomic traits of three basmati rice I (*oryza sativa* L.) cultivar. *The Journal Animal and Sciences* 23(5):1415-1423.
- Anggi, S.R., Elly, K., Syamsul, B., & Joko, P. 2014. *Kumpulan Deskripsi Varietas Padi*. Balai Pengkajian Teknologi Pertanian Jawa Tengah. ISBN 978 - 979 - 9007 - 79 - 7
- Barlow, E. W & L. Boersma. 1976. Interaction between leaf elongation, photosynthesis and carbohydrate level of water stressed corn at seedling. *Agronomy Journal* 78 : 76-81.
- Blum, A. 2002. *Drought tolerance. Field screening for drought in crop plants with emphasis on rice*. Proceeding of an International Workshop on Field Screening for Drought Tolerance in Rice. ICRISAT. India.
- Bps. 2019. *Luas Panen Dan Produksi Beras 2018*. Isbn - Isbn: 978-602-438-237-7
- Bray, E.A. 1997. *Plant responses to water deficit*. Trend Plant Sci., 2(21) : 48- 54
- Chen, D. Q., S.W. Wang, B.B. Cao, D. Cao, G.H. Leng, H.B. Li, L.N. Yin, L. Shan, X.P. Deng. 2015. *Genotypic variation in growth and physiological response to drought stress and re-watering reveals the critical role of recovery in drought adaptation in maize seedlings*. Front Plant Sci. 6:1-15.
- De Datta SK, 1981. *Principles and Practices of rice production*. A Wiley Interscience Publication. John Wiley&Sons, New York. P. 618
- Dewi, S.M. · Y. Yuwariah · W.A. Qosim · D. Ruswandi. 2019. Pengaruh cekaman kekeringan terhadap hasil dan sensitivitas tiga genotip jawawut. *Jurnal Kultivasi* Vol. 18 (3) Desember 2019.
- Djazuli, M. 2010. Pengaruh cekaman kekeringan terhadap pertumbuhan dan beberapa karakter morfo-fisiologis tanaman nilam. *Bul. Littro*. 21(1):8-17.
- Fang, Y., L. Xiong. 2015. General mechanism of drought response and their application in drought resistance improvement in plants. *Cell. Mol. Life Sci*. 72:673- 689.

- Farooq M., N. Kobayashi, O. Ito, A. Wahid & R. Serraj. 2010. Broader leaves result in better performance of indica rice under drought stress. *J. of Plant Physiol.* 167 (13): 1066-1075.
- Farooq, S., & F. Azam. 2002. Molecular Markers in Plant Breeding-I: Concepts and Characterization. *Pakistan Journal of Biological Sciences.* 5 (10): 1135-1140.
- Fen, L.L, M.R. Ismail, B. Zulkarami, M.S.A. Rahman, R.M. Ismail. 2015. Physiological and molecular characterization of drought responses and screening of drought tolerant rice varieties. *Biosci. J.* 31:709- 718.
- Fischer, K.S. & S. Fukai. 2003. *How rice responds to drought..* Breeding Rice for Drought-Prone Environments. International Rice Research Institute. Los Banos. p. 32-36.
- Fischer, R.A., R. Maurer. 1978. Drought resistance in spring wheat cultivars. I. Grain yield response. *Aust. J. Agric. Res.* 29:897-907.
- Golmoghani, A., K.A. Hamdollah, Y. Mehrdad, A. Golamreza, G.A. Leila, G. Taregh. 2011. Evaluation of drought tolerance indices and grain yield in wheat genotypes using principal components analysis. *Middle-East J. Sci. Res.* 8:880-884.
- Ilin, A., T. Raiko. 2010. Pratical approaches to principal component analysis in the presence of missing values. *J. Mach. Learn. Res.* 11:1957-2000.
- IRRI. 2013. *Standard Evaluation System For Rice 5th Edition.* June 2013. International Rice Research Institute Manilla, Philippines.
- Islami, Titik. & W. H. Utomo. 1995. *Hubungan Tanah, Air dan Tanaman.* IKIP Semarang Press. Semarang. Hal. 215-239.
- Khaerana, M. Ghulamahdi, & E.D. Purwakusumah. 2008. Pengaruh Cekaman Kekeringan dan Umur Panen terhadap Pertumbuhan dan Kandungan Xanthorrhizal Temulawak (*Curcuma xanthorrhiza* roxb.) *Bul. Agron.* 36:241-247
- Khush GS dan Virk PS. 2005. *IR Varieties and their impact.* Los Banos (Philippines). International Rice Reasearch Institute. 163 p. ISBN 971-22-0206-2
- Lafitte, R. 2003. *Managing water for controlled drought in breeding plots..* Breeding Rice for Drought- Prone Environments. International Rice Research Institute. Los Banos. p. 23-26.
- Larasati, A S. 2013. Analisis Kandungan Zat Gizi Makro dan Indeks Glikemik Snack Bar Beras Warna Sebagai Makanan Selingan Penderita Nefropatidiabetik. *Artikel Penelitian* Universitas Diponegoro. Program Studi Ilmu Gizi Fakultas Kedokteran.

- Man, D., Y. X. Bao, & L. B. Han. 2011. Drought tolerance associate with proline and hormone metabolism in two tall fescue cultivars. *Hort Science* 46(7): 1027-1032.
- Miswarti, Tati N., & Anas. 2014. Karakterisasi dan Kekerabatan 42 Akses Tanaman Jawawut (*Setaria Italica L. Beauv*). *Artikel Ilmiah Pangan*, Vol. 23 No. 2 Juni 2014 : 166-177
- Mostajeran, A. & V.R. Eichi. 2009. Effects of drought stress on growth and yields of rice (*Oryza sativa* L.) cultivars and accumulation of proline and soluble sugars in sheath and blades of their different ages leaves. *American-Eurasian J. Agric. & Environ. Sci.* 5(2):264-272.
- Rahayu, E.S., E. Guhardja, S. Ilyas, & Sudarsono. 2005. Polietilena glikol (PEG) dalam media in vitro menyebabkan kondisi cekaman yang menghambat tunas kacang tanah (*Arachis hypogaea* L.). *Berk. Pen. Hayati* 11:39-48.
- Salisbury, F.B. & C.W. Ross. 1995. *Fisiologi Tumbuhan*. Jilid I. Bandung: Penerbit ITB, Bandung. 241 hal.
- Samanhudi. 2010. Pengujian cepat ketahanan tanaman sorgum manis terhadap cekaman kekeringan. *Agrosains*, 12 (1) : 9-13.
- Samson BK, Hasan H, Wade LJ. 2002. *Penetration of hardpans by rice lines in the rainfed lowlands*. *Field Crops Res* 76:175–188
- Sikuku, P.A., J.C. Onyango, & G.W. Netondo. 2012. Physiological and biochemical responses of five nerica rice varieties (*Oryza sativa* L.) to water deficit at vegetative and reproductive stage. *Agric. Biol. J. N. Am.* 3(3):93-104
- Sujinah. Jamil, A. 2016. Mekanisme Respon Tanaman Padi terhadap Cekaman Kekeringan dan Varietas Toleran. *Iptek Tanaman Pangan* Vol. 11 No. 1 2016.
- Sulistiyono, E., Suwarno, & I. Lubis. 2011. Karakterisasi morfologi dan fisiologi untuk mendapatkan marka morfologi dan fisiologi padi sawah tahan kekeringan (-30 kPa) dan produktivitas tinggi (> 8 t/ha). *Agrovigor* 6(2):92-102
- Surmaini, E. & Faqih, A. (2016). Kejadian Iklim Ekstrem dan Dampaknya Terhadap Pertanian Tanaman Pangan di Indonesia. *Jurnal Sumber Daya Lahan* 10(2):115–128.
- Tuberosa R., A. Graner, & R. K.Varshney. 2010. Genomics of plant genetic resources: an Introduction. *Plant Genetic Resources: Characterization and Utilization. Journal of Agriculture*. 9 (2): 151–154.

Tubur H.W., M.A. Chozin, E. Santosa, & A. Junaedi. 2012. Respon agronomi varietas padi terhadap periode kekeringan pada sistem sawah. *J.Agroni. Indonesia* 40(3):167-173.

Widyastuti, Y., B.S. Purwoko, M. Yunus. 2016. Identifikasi toleransi kekeringan tetua padi hibrida pada fase perkecambahan menggunakan polietilen glikol (PEG) 6000. *J. Agron. Indonesia* 44:235-241.

Yoshida, S. 1981. *Fundamentals of Rice Crop Science*. International Rice Research Institute. Los Banos. 269p.

