

## DAFTAR PUSTAKA

- Abdullah B. 2009. Progress of Rice Improvement Through Recurrent Selection. *Jurnal Agronomi Indonesia*. 37(3): 183-193.
- Akhmad. 2014. Dampak Kebijakan Tarif impor Beras Terhadap surplus Produsen dan Konsumen. Bappenas. Jakarta
- Aghamolki, M . t. K., M. K. Yusop, H.Z. Jaafar, *et al.* 2015. “ Preliminary Analysis of Growth and yield Parameters in Rice Cultivars When Exposed to Different Transplanting dates”. *Electronic J. Biol.* 11 (4) : 147 - 153
- Anonym, 2013. Laporan sekolah lapang Teknologi Padi Salibu Kec. Matur 2013. Badan Penyuluhan Kecamatan Matur. Agam
- Anugrah. I. S, Sumedi dan Wardana. I. P. 2008. Gagasan dan Implementasi Sistem Of Rice Intensification (SRI) Dalam Kegiatan Budidaya Padi Ekologis (BPE) Analisis Kebijakan Pertanian. Volume 6 No. 1, Maret 2008 : 75-99
- Badan Pusat Statistik. 2015. Badan Pusat Statistik. <http://www.bps.go.id>
- Badan Pusat Statistik. 2016. Badan Pusat Statistik. <http://www.bps.go.id>
- Barkelaar, D. 2001. Sistem Intensifikasi Padi (The Sistem Of Rice Intensification) : Sedikit Dapat Memberi Lebih Banyak. Buletin Echo Development Notes, Januari 2001. Terjemahan Oleh Indro Surono, Staf Elsppat. 2008. 1 - 6 Hal.
- Barkelaar, D. 2008 “ SRI, the system of rice intencification “: Less can Be More. ECHO Development Notes, Januari 2001. ECHO Inc. 17391 Durrance RD. North Ft, Myers Fl. 33917 USA. P. 1 – 6.
- Bashir, M. u., N. Akbar, A. Iqbal, and H. Zaman. 2010. Effect of different sowing dates on yield and yield components of direct seeded coarse rice ( *Oryza Sativa* L.). *Pakistan journal of agricultural Science*. 47 : 361 – 365.
- Charoen T. 2003. Ratoon cropping of lodged stubble. Chainat (TH): The Office of Agricultural Research and Development Region 5.
- Da Silva, L.M., j.r. Park, J.D.H. keatinge and P.A. pinto. 2001. The Use Of DSSIPM In The Alentejo Region Of Southern. Portugal. *Agricultural water Management*, Vol 51 (3), PP 203 - 215
- Dawn B. 2001. Integraterd rice managemen system for ratoon production. Di dalam: *Rice Production Guidelines Bulletins*. Texas Agriculture Experiment Station. B-6131: 02-12
- De Datta, S.K. 1981. Principles And Practices Of Rice production. New York N.Y (USA). Jhon Wiley And Sons. 642 hal.

- De Datta, s.K, Bernasor. 1988. *Agronomy principles and practice of rice rationing*. P. 163-176. In W.H. Smith, V. kumble, E.P. Cervantes (eds.). Rice Ratooning. IRRI, los Banos, Philippines.
- Defeng, Z., C. Shihua, z. Yuping, and l Xianqing, 2002. Tilling Patterns and the contribution of tillers and wide spacing. China National rice research institute, Hangzhou. Research repot China. PP. 125 – 131.
- Departemen pertanian Badan Pengendali Bimas. 1977. Pedoman Bercocok tanam Padi, palwija, sayur- sayuran. Jakarta.
- Dinas Pertanian dan Kehutanan. 2007. Pedoman Bercocok Tanam Padi. Kabupaten Bantul. 6 Hal.
- Direktorat Jendral Tanaman Pangan. 2014. Laporan Tahunan Direktorat Jendral Tanaman Pangan. Kementerian Pertanian Republik Indonesia. 229 hal
- Dorenboos, J., and pruit W.O. 1977. Guildelines for predicting crop water requiremenst, irrigation and drainage paper. No. 24. FAO. Rome. 138 hal.
- Dou , F., J. Soriano, R.e. Tabien, and cultivar effects on Rice ( *Oryza Sativa* L.) Grain Yield, Yield Components and Water productivity in Three Water Regimes “. Plos One 11 (3).
- Eagle, A.J., J.A. Bird, J.E. hill, W.R. Horwarth and C. van Kessel. 2001. Nitrogen dynamic and fertilizer use efficiency in rice following straw incorporation and water flooding. *Agronomy journal* 93 : 1346-1354.
- Erdiman, 2012. Teknologi Salibu Meningkatkan Produktifitas Lahan ( 3-6 Ton/Ha/Tahun) dan pendapatan petani ( Rp. 15-25 juta/tahun ) ( Balai Pengkajian Teknologi Pertanian sumatera Barat)
- Farooq, M., A. Wahid., D.J. Lee., O. Ito., K.H.M. Siddique. 2009. Advances drought resistance of rice. *Critical review in plant sciences*. Boca Raton.28(4):199
- Fageria N. K. 2007. Yield Physiology of Rice. *Journal of Plant Nutrition* Volume 30, Issue 6. PP 843-879
- Gardner, P.G., R.G Pearce and R.L. Mitchell. 1991. *Physiology of crop plant, terjemahan fisiologi tanaman budidaya*. Penerbit Universitas Indonesia. 421 hal.
- Gregory, P.J., L.P. simmonds and C.J pilbeam. 2000. Soil type, climatic regime, ans the respone of water use efficieny to crop management. *Agronomy journal* 92: 814-820.
- Harminto, S .2003. *Biologi Umum*, Pusat Penerbitan Universitas Terbuka, Jakarta
- Horie, T., Shiraiwa, T., Homma, K., Katsura, K., Maeda, S., Yoshida, h. 2005. Can Yields Of Lowland Rice Resume The Increases That They Showed In The 1980s. *Olant Prod. Sci*. 8, PP 259-271.

- Huda, N.M, Harisuseno, D, Priyantoro, D. 2012. Kajian Sistem Pemberian Air Irigasi Sebagai Jadwal Penyusunan Rotasi Pada Daerah irigasi Tumpang Kabupaten Malang. Jurnal teknik pengairan. Vol 3 no 2. Desember 2012. Hlm 221-229.
- Jackson, M.B. & Colmer, T.D. 2005. Response and Adaptation by Plants to Flooding Stress. *Annals of Botany*. 96: 501-505.
- Jason B. 2005. It's not too early to plant for ratoon rice crop. Los Angeles (US) : LSU Agricultural Center's Rice Research Station.
- Jiang Y. h., Zhang H C, Zhao K, Xu J W, wei H H, Long H Y, wang W T, Dai Q G, Huo Z Y, Xu K, wei H Y, Guo B W. 2014. Difference In Yield And Its Components Characteristics Of Difference Type Rice Cultivars In The lower reaches Of The Yangtze River. *Chinese Journal Of Rice Science*, 28, PP 621-631. (In Chinese)
- Juliardi, Iwan, dan A. Ruskandar. 2006. <http://www.pustaka-deptan.go.id/publikasi/p3213024.pdf>. 2013
- Juraimi, A.S, Saiful, A.H. M, Begum. M, Anuar, A.R. and Azmi, M. 2009. Influence of Flooding Intensity and Duration on Rice Growth and Yield. *Pertanika J. Trop. Agric. Sci.* 32 (2): 195 – 208.
- Kalu, I.L., G.N. Paudyal., A.D. Gupta. 1995. Equity And Efficiency Issues In Irrigation Water distribution. *Agricultural water Management*, Vol.28 (4) PP 335-348.
- Kariali E, and P.K. Mohapatra. 2007. "Hormonal regulation of tiller dynamics in differentially – tillering rice cultivars " *Plant Growth regulation*. 53 : 215 – 223.
- Kasim, M. 2004. Manajemen Penggunaan Air: Meminimalkan Penggunaan Air Untuk Meningkatkan Produksi Padi Sawah Melalui Sistem Intensifikasi Padi (The Sistem Of Rice Intensification-SRI). Pidato Pengukuhan Sebagai Guru Besar Unand. Padang 2004. 42 Hal.
- Kato, Y., Okami, M., Katsura, K., 2009. Yield Potential And Water Use efficiency Of Aerobic Rice (*Oryza sativa* L.) In Japan. *Field crops Res.* 113, PP 328-334.
- Kementrian Pertanian, 2015. Rencana Strategis Kementrian Pertanian.. 338 Hal.
- Kobayashi, k., Yamane, k., Imaki, T. 2001. Effects Of non-Structural carbohydrates On Spikelet Differentiation In Rice. *Plant Prod. Sci.* 4, PP 9-14.
- Kukul S.s and g.C. Anggrawal. 2002. Percolation losses of water in relation to puddling intensity and depth in a sandy loam rice (*Oryza sativa* L.) field. *Agricultural water management*, vol 57(1) pp. 49-59



- Las,I., K. Subagyo, dan A.P. Setiyanto.2006. Isu dan Pengelolaan Lingkungan Dalam Revitalisasi Pertanian. *Jurnal Litbang Pertanian*, 25(3): 106 – 114
- Li X. T, Cheng H T, Wang N, Yu C M, Qu L Y, Cao P, hu N, liu T, lyu W Y. 2013. Critical Factors for Grain filling Of erect panicle type Japonica Rice cultivars. *Agronomy Journal*, 105, 1404-1410.
- Makarim A, Suhartatik E. 2006. *Morfologi dan Fisiologi Padi*. Subang (ID) : Balai Besar Penelitian tanaman Padi. 330 hlm.
- Manurung, S.O. 2001. Analysis Of Irrigation System Using sustainability-Related Criteria. *Journal Of Environmental Quality* 30 : 1150-1153 PP.
- Manoliadis, O.G. 2001. Analysis of irrigation system using sustainability-related criteria. *Journal of environmental quality* 30 : 1150-1153.
- Marni. 2016. *Gema Penyuluhan Pertanian Bercocok Tanam Padi* > Dirjen tanaman pangan. Jakarta
- Masdar. 2007. *Elemen Sistem Intensifikasi Yang Optimum Pada Budidaya Padi Sawah*. Disertasi. Program Pascasarjana Universitas Andalas. Padang.
- McCaulay. 2006. *Morfologi dan Fisiologi Padi*. Dalam *Padi Buku I*. Badan Penelitian Dan Pengembangan Pertanian. Pusat Penelitian. Tanaman Dan pengembangan Tanaman pangan. Bogor. Hal 185
- Meija, M.N., C.A. Madramootoo and R.S., broughton. 2000. Influence of water table management on corn and soybean yield. *Agricultural water management*. Vol. 46(1) pp. 73-89
- Metting, F.B. 1992. *Soil Microbial Ecology, Application in Agricultural and Environmental Management*. New York. Marcel Dekker, Inc.
- Mulyadi, P.S.; I.J. Sasa, dan S. partohardjono. 2001. Pengaruh *intermittent drainage* dan cara tanam padi terhadap emisi gas N<sub>2</sub>O dilahan swah. *Prosiding Semibar Nasional Buddidaya Tanaman Pangan Berwawasan Lingkungan*. Puslitbangtan. Bogor. 13-25 Hal
- Mursida. 2005. Pengaruh Pemberian Beberapa Dosis Kompos jerami Padi hasil pelapukan *Trichoderma harzianum* terhadap pertumbuhan dan hasil tanaman Cabai ( *capsicum annum* ). Skripsi. Padang. Fakultas Pertanian Universitas Andalas.
- Nakano H, Morita S, Kitagawa H, Takana M. 2009. Effect of cutting height and trampling over stubbles of the first crop on dry matter yield in twice harvest of forage rice. *J Plant Prod Sci*. 12(1):124-127
- Navasero, S.A and A. Tanaka. 1966. Low light induced death of lower leaves of rice and its effect on grain yield. *Plant and Soil* 14:17-31.
- Peng, S., khush, G. s., And Cassman, K. G. 1994. Evaluation Of A Newplant Ideotype For Increased Yield Potential. In “ breaking The Yield Barrier,

Proceeding of A Workshop On Rice Yield Potential In favourable Environments” ( K. G. Cassman, ed.), Pp. 5-2-. International Rice Research Institute, Manila, Manila, The Philippines.

- Pramono, J., S Basuki dan Widarto. 2005. Upaya Peningkatan Produktivitas Padi Sawah Melalui Pendekatan Pengelolaan Tanaman dan Sumberdaya Terpadu. Balai Pengkajian Teknologi Pertanian, Agrosains 7 (1). Jawa Tengah. 1-6 hal
- Pusat Penelitian dan Pengembangan Pertanian. 2013. Model Optimum Budidaya Padi Intensif Pada Lahan Sawah Irigasi Teknis Yang Berkelanjutan. <http://www.litbang.pertanian.go.id/buku/katam.bagian1.pdf+%cd=3&hl=id&ct=clnk>. Diakses pada tanggal 26 Juni 2016.
- Qaisrani, M.M., M.S. Mirza, A. Zaheer and K.A. Malik. 2014. Isolation and identification by 16s rRNA sequence analysis of achromobacter, azospirillum and rhodococcus strains from the rhizosphere of maize and screening for the beneficial effect on plant growth. Pakistan Journal of Agricultural Sciences. 51,91–99.
- Rafaralahy, S, 2002. An NGO Perspective SRI and Its origins in Madagascar. Assesments of The system of Rice Intensification (SRI) : Proceeding of an sanya, China, april 1-4 2002. Itacha NY : cornell International Institute for Food, Agriculture and Development.
- Rathore, A.L., A, R. Pal, R.K. sahu and J.L chaudry. 1996. On-Farm Rainwater And Corp Management For Improving Produvtivity Of Rainfed Areas. Agricultural water management, vol 31 (3) 253-267 PP.
- Regazzoni. O, Sugito. Y, Suryanto. A. 2013. Sistem Irigasi Berselang (Intermittent Irrigation) Pada Budidaya Padi (*Oryza sativa* L.) Varietas Inpari-13 Dalam Pola *SRI* (Sistem Of Rice Intensification) Jurnal Produksi Tanaman 1(2) : 42-51
- Rozen, N. 2009. Metoda Penanaman Padi Dengan Sistem *SRI*. 25 Hal.
- Saina, T And CIIFAD. 2002. The System Rice Of Inteinsification. A Collaborate Effort Association Tefy Saina And Ciifad. 36 Hal.
- Saleh. E, Nainggolan. A.F dan Butarbutar L. Budidaya Padi Di Dalam Polibeg Dengan Irifasi Bertekanan Untuk Antisipasi Pesatnya Perubahan fungsi Lahan Sawah. Jurnal Teknotan vol. 6. No. 1, Januari 2012. Issn 1978-1 067.
- Sanchez, A. 1993. Sifat dan Pengelolaan Tanah Tropika Jilid 2. Bandung: Institut Teknologi Bandung. 303 hal.
- Santoso, M.B., N.K. Fageria , A.s. Prabhu. 2003. *Rice Ratooning management practices for higher yields*. Commun. Soil Sci. Plant Anal. 34:88-98.
- Santoso, M.B. dan Madya, W. 2012. Budidaya Padi Ratun. Kalimantan Selatan : BBPP Benuang.

- Shimamura, S., Yoshida, S. and Mochizuki, T. 2007. Cortical aerenchima Formation in Hypocotyl and Adventitious Roots of *Luffa cylindrical* Subjected to Soil Flooding. *Annals of Botany*. 100 (7):1431-1439. Doi:10.1093/aob/mcm239
- Setyorini, D. dan S. Abdurachman. 2009. Pengelolaan Hara Mineral Tanaman Padi. Balai Besar Penelitian Tanaman Padi. Pp 109-148
- Sheehy, J.e., dionora, M.J.A., Mitchell, P.L. 2001. Spikelet Numbers, Sink Size And Potential Yield In Rice. *Field Crops Res*. 71, PP 77-85.
- Sitompul, S.M. dan B. Guritno. 1995. Analisis Pertumbuhan Tanaman. Yogyakarta. UGM Press.
- Surowinoto, S. 1980. Teknologi Produksi Tanaman Padi Sawah. Jurusan Agronomi. Fakultas Pertanian IPB. Bogor. 78p
- Susilawati. 2011. Agronomi Ratan Genotipe-Genotipe Padi Potensial Untuk Lahan Pasang Surut. Disertasi Pasca Sarjana Institut Pertanian Bogir, 94 Hal.
- Sutanto, S. 2008. Strategi Pengendalian Alih Fungsi Lahan Beririgasi: Studi Kasus Kabupaten Banyumas. Prosiding Seminar Nasional Teknik Pertanian 2008 Yogyakarta, 18-19 November 2008. 21 hal
- Syam, M. 2006. Kontroversi System Rice Intensification Di Indonesia. IPTEK Tanaman Pangan No. 1.hal 30-40.
- Tao longxing, wang xi, and min shaukai. 2002. Physiological effect of *SRI* methods on the rice plant. China national rice research institute Hangzhou. Research report china. PP. 132 -136
- Uphoff, N. 2002. Presentation For C On Raising Agricultural Productivity In The Tropics. Biophysical Challenges For Technology And Policy: The Sistem Of Rice Intensification Developed In Madagaskar. 8 hal
- Utama, M.Z.H., haryoko, W., Munir, R., Sunadi. 2009. Penapisan varietas padi toleran salinitas pada lahan rawa dikabupaten pesisir selatan. *Jurnal agronomi Indonesia* 37 (2). Hal 101- 106
- Vasellati, V., Oesterheld, M., Medan, D. & Loreti, J. 2001. Effect of Flooding and drought on the Anatomy of *Paspalum dilatatum*. *Annals of Botany*, 88 (3): 355-360. Doi:10.1006/anbo.2001.1469
- Vriezen, W.M., Zhou, Z. & Van Der Straeten, D.2003. Regulation of Submergence-induced Enhanced Shoot Elongation in *Oriza sativa* L.*Annals of Botani*, 91:263-270. Doi: 10.`093/aob/mcf121.
- Wangiyana, W, Sabariah, B, Farida, N. 2011. Peningkatan Dua Varietas Padi (*Oryza sativa*. L) Sistem Gogo-Rancah Dan SRI (*System Of Rice Intensification*) Dengan Mempercepat Mulainya Penggenangan. *Jurnal Agroteksos* Vol 21 ( 2-3 ) Desember 2011. Hal. 129-136.

- Yang. J., J. Zhang, L. Liu, Z. Wang, and Q. Zhu, 2002.” Carbon Remobilization and Grain Filling in Japonica / Indica Hybrid Rice Subjected to Postanthesis Water Deficits “. *Agron J.* 94 : 102 – 109.
- Yoshida, S. 1981. *Fundamental Of Rice Crop Science*. IRRI. Los Banos, Laguna, Philippines. 269 P.
- Yuan L P. 1997. Hybrid rice breeding for super high yield. *Hybrid Rice*, 12, 1-4. (in Chinese).
- Zhang Z, Chen J, Lin S, Li Z, Cheng R, Fang C, Chen H, Lin W. 2012. Proteomic and phosphoproteomic determination of ABA's effects on grain-filling of *Oryza Sativa* L. inferior spikelets. *Plants Science*, 185, 259-273 PP.
- Zhao-wei J, W-Xiong L, Y-Zhen L, Cuang-Ying Z, Hua-an X. 2003. Effects of nitrogen fertilizer rates on uptake and distribution of nitrogen in ratoon rice. *Fujian J Agric Sci.* (02) 1 : 14-29
- Yao, Y., Yamamoto, Y., Yoshida, T., Nitta, Y., dan Miyazaki, A. Model Explaining genotypic And Environmental Variation In Leaf Area Development Of Rice Based On Biomass Growth And Leaf N Accumulation. *Field Crops Res.* 102, 228-343 PP.

