

DAFTAR PUSTAKA

- Adinugraha, H. A dan S. Pudjiono. 2014. Evaluasi Pertumbuhan Tanaman Uji Klon Jati pada Umur 10 Tahun di Wonogiri, Jawa Tengah. *Jurnal Hutan Tropis*. Volume 2 (2) : 163 – 169.
- Akbar, Opik T., Y. Aprianis., Ruspandi. 2019. Perbandingan Karakteristik Bahan Baku dan Pulp Krasikarpa (*Acacia crasscarpa* A. Cunn) Umur 1 sampai 4 Tahun. *Jurnal Penelitian Hasil Hutan*, Volume 37 (2), pp. 93-104.
- Aprianti, R. 2006. *Penilaian Kesehatan Pohon Plus Kayu Afrika (Maesopsis eminii Engl.) di Hutan Pendidikan Gunung Walat (HPGW) Sukabumi dengan Metode Forest Health Monitoring*, Bogor: Institut Pertanian Bogor.
- Bawa, K.S dan M. Hadley. 1990. *Reproductive Ecology of Tropical Forest Plant*. Paris: UNESCO.
- Brown, H.P, A.J. Panshin., C.C. Forsaith. 1994. *Textbook of Wood Techonology Vol I*. 4t Edition ed. New York: McGraw-Hill Book Company.
- CABI. 2019. *Invasive Species Compendium*. [Online] Available at: cabi.org [Accessed 4 Oktober 2020].
- Charlesworth, D., John H. Willis. 2009. The Genetics of Inbreeding Depression. *Nature Review Genetics*, Volume 10, pp. 783-796.
- Charria, Diana LC., Victor M.N. Rodriguez., Monica Sarmiento., Nuno Borralho. 2014. Indirect Estimation of Wood Density for Selection of *Eucalyptus pellita* F. Muell. Clones Using Pilodyn. *Articulo de investigacion*, Volume 17 (2), pp. 181-192.
- Chen, Zhi-Qiang., Bo Karisson., Sven-Olof Lundqvist., Maria Rosario Garcia Gil., Lars Olsson., Harry X. Wu. 2015. Estimating solid wood properties using Pilodyn and acoustic velocity on standing trees of Norway spruce. *Annals of Forest Science*, Volume 72, pp. 499-508.
- Dias, Daniela P., Ricardo A. Marengo. 2016. Tree Growth, Wood and Bark Water Content of 28 Amazonian Tree Species in Response to Variations in Rainfall and Wood Density. *iForest*, Volume 9, pp. 445-451.
- Dombro, D. 2010. *Eucalyptus pellita : Amazonia Reforestation's Red Mahogany*. Reserva Natural La Pedregosa ed. Columbia: Planeta Verde Reforestation S. A.
- Dudash, M. R., C.B. Fenster. 2000. Inbreeding and Outbreeding Depression in Fragmented Population.

- FAO. 1979. *Eucalypts For Planting*. Roma, Italy: Via delle Terme di Caracalla.
- FAO. 2007. *Wood Chips, Production, Handling, Transport*. Second Edition ed. Roma: FAO Forestry Paper.
- Fatimah, S., M. Susanto., Ganis Lukmandaru. 2013. Studi Komponen Kimia Kayu *Eucalyptus pellita* F. Muell dari Pohon Plus Hasil Uji Keturunan Generasi Kedua di Wonogiri, Jawa Tengah. *Jurnal Ilmu Kehutanan*, Volume VII.
- Greaves, Bruce., C. A Raymond., N. M. G. Borralho. 1995. Use of a Pilodyn for The Indirect Selection of Basic Density in *Eucalyptus nitens*. *Journal of Forest Research*, pp. 106-109.
- Hansen, C. 2000. *Application of the Pilodyn in Forest Tree Improvement*, Humbleback, Denmark.: Danida Forest Seed Centre.
- Hardwood, C. 1998. *Eucalyptus pellita : An Annotated Bibliography*. Kingston, Australia: CSIRO Forestry and Forest Products.
- Haroen, W. K. 2006. *Variabilitas Massa Jenis Kayu Daun Lebar Tropis terhadap Karakter Serat, Kimia dan Pulp Sulfat*, Bandung: Balai Besar Pulp dan Kertas (BBPK), Departemen Perindustrian.
- Haroen, W. K. 2016. *Teknologi Serat Bahan Baku Pulp Kertas*. Bandung: CV. Agung Ilmu.
- Herawatiningsih, R. 2001. *Pengaruh Tegakan Acacia mangium dan Eucalyptus pellita Terhadap Beberapa sifat Hidrologi Areal Hutan Tanaman Industri di Kecamatan Mukok Kabupaten Sanggau Kalimantan Barat*, s.l.: Institut Pertanian Bogor.
- Hidayati, F., F. Ishiguri., K. Lizuka., K. Makino., J. Tanabe., Sri Nugroho Marsoem., M. Naiem., S. Yokota., N. Yoshizawa. 2013. Growth Characteristic, Stress-Wave Velocity, and Pilodyn Penetration of 15 Clones of 12-year-old *Tectona grandis* Trees Planted at Two Different Sites in Indonesia. *Journal Wood Science*, Volume 59, pp. 249-254.
- Holmbom, B., C. Eckerman., P. Eklund., J. Hemming., L. Nisula., M. Reunanen., R. Sjöholm., A. Sundberg., K. Sundberg., S. Willfor. 2003. Knots in Trees - A New Rich Source of Lignans. *Phytochemistry*, Volume 2, pp. 331-340.
- Hung, TD., J.T. Brawner., R. Meder., D.J. Lee., S. Southerton., H.H. Thinh., M.J. Dieters. 2014. Estimates of Genetic Parameters For Growth and Wood Properties in *Eucalyptus pellita* F. Muell to Support Tree Breeding in Vietnam. *Annals of Forest Science*, Volume 72, pp. 205-217.
- Hutagalung, F. 2010. *Kajian Beberapa Sifat Dasar Kayu Ekaliptus (Eucalyptus grandis) Umur 5 Tahun*, s.l.: Universitas Sumatera Utara.

- Irwanto. 2006. *Focused Grup Discussion (FGD) : Sebuah Pengantar Praktis*. Jakarta, Yayasan Obor Indonesia.
- ITTO. 2006. *Guide on Utilization of Eucalyptus and Acacia Plantations in China for Solid Wood Products.*, China: Research Institute of Wood Industry Chies Academy of Forestry.
- Iwanuddin. 2013. *Variasi Genetik Pertumbuhan dan Berat Jenis Kayu Tanaman Jati Uji Klon Umur 13 Tahun di KPH Cepu dan KPH Ciamis*, Yogyakarta: Univesitas Gadjah Mada.
- Larcher, W. 1995. *Physiology Plant Ecology*. Germany: Springer-Verlag Berlin Heidelberg.
- Latifah, S., T.R. Villanueva., M.G. Carandang., N.C. Bantayan., L.M. Florence. 2014. Predicting Growth and Yield Models For *Eucalyptus* species in Aek Nauli, North Sumatera, Indonesia. *Agriculture, Forestry and Fisheries*, Volume 3, pp. 209-216.
- Leksono, B., S. Kurinobu., Y. Ide. 2008. Realized Genetic Gains Observed in Second Generation Seedling Seed Orchards of *Eucalyptus pellita* in Indonesia. *J For Res*, Volume 13, pp. 110-116.
- Leksono, B. 2020. Eksplorasi Jenis-Jenis Benih *Acacia* dan *Eucalyptus pellita* F. Muell di Merauke-irian Jaya. *Beccariana*, Volume 2, pp. 38-74.
- Lukmandaru, G. 2018. Chemical Characteristics of *Eucalyptus pellita* With Heart Rot. *Wood Research*, Volume 63, pp. 193-202.
- Luo, J. Z., R.J. Arnold., J.G. Cao., W.H. Lu., S.Q. Ren., Y.J. Xie., L.A. Xu. 2012. Variation in Pulp Wood Traits Between *Eucalypt* Clones Across Sites And Implications for Deployment Strategies. *Journal of Tropical Forest Science*, Volume 24, pp. 70-82.
- Marsoem, S.N., Joko Sulisty., V.E. Prasetyo., Y. Andhini., F. Setiawan. 2012. Maintaining Environmental Quality: Fiber Characterization as a Tool for Verifying Pulp Fiber Composition. *Paper Conference*, pp. 1946-1955.
- Marsoem, Sri Nugroho., Vendy Eko Prasetyo., Joko Sulisty., Sudaryono., Ganis Lukmandaru. 2014. Studi Mutu Kayu Jati di Hutan Rakyat Gunungkidul III Sifat Fisika Kayu. *Jurnal Ilmu Kehutanan*, Volume 8 (2).
- Menristekdikti, 2020. *Kemenristek*. [Online] Available at: <https://www.ristekbrin.go.id/> [Accessed April 2020].
- Muliawan. 2009. *Pengaruh Media Semai terhadap Pertumbuhan Eucalyptus pellita*, Bogor: Institut Pertanian Bogor.

- Mullin, Tim J., Persson, T., Abrahamsson, S., Gull Bengt Andersson. 2019. Effect of inbreeding depression on seed production in Scots pine (*Pinus sylvestris*). *J. For. Res.*, Volume 49, pp. 854-860.
- NAS. 1983. *Fuelwood Crops*. Washington DC, USA: National Academy Press.
- Pamoengkas, Prijanto dan Puspita Laksani Maharani. 2018. Manajemen Tempa Tumbuh Pada Tanaman Eucalyptus pellita di PT. Perawang Sukses Perkasa Industri Distrik Lipat Kain Riau. *Jurnal Silvikultur Tropika*, Volume 09, pp. 79-84.
- Paul, B. H. 1963. *The Application of Silviculture in Controlling the Specific Gravity of Wood*. Madison: Technical Bulletin .
- Pelawi, D. F. B. 2020. *Evaluasi Uji Klon Jati (Tectona grandis L.f) Umur 20 Tahun di KPH Cepu Perum Perhutani*, Yogyakarta: Universitas Gadjah Mada.
- Poubel, D.S., Garcia R.A., Latoracca JVF., Carvalho AM. 2011. Anatomical Structure and Physical Properties of Eucalyptus pellita F. Muell. *Floresta e Ambiente*, Volume 18, pp. 117-126.
- Prasetyo, A., H. Aiso., F. Ishiguri., I. Wahyudi., I. P. G. Wijaya., J. Ohshima., S. Yokota. 2017. Variations on Growth Characteristics and Wood Properties of Three Eucalyptus Species Planted For Pulpwood In Indonesia. *TROPICS*, Volume 26 (2), pp. 56-69.
- Purnomo, R. A. 2017. *Analisis Statistik Ekonomi dan Bisnis dengan SPSS*. Ponorogo: CV Wade Group.
- Putra, Aditya S., Fanny Hidayati., A. Nirsatmanto. 2018. *Variasi Aksial dan Radial Sifat Fisika dan Mekanika Kayu Eucalyptus pellita F. Muell yang ditanam di Kabupaten Wonogiri Jawa Tengah*, Yogyakarta: Universitas Gadjah Mada.
- Rahayu, D., G. Hardiansyah., G.O. Widhanarto. 2013. Potensi Biomassa dan Karbon pada Hutan Tanaman Eucalyptus pellita PT. Finnantara Intiga Kabupaten Sintang. *Jurnal Hutan Lestari*, Volume 1 (2).
- Ramadan, Achmad., Sapto Indrioko., Eko Bhakti Hardiyanto. 2018. Parameter Genetik Sifat Pertumbuhan dan Kerapatan Kayu Klon Eucalyptus pellita F. Muell di Dua Tapak yang Berbeda di Kalimantan Timur. *Jurnal Penelitian Tanaman Hutan*, Volume 12 (2), pp. 115-125.
- Ratnaningrum, Y. W. N. 1998. *Studi Fenologis Pembungaan, Penyerbukan dan Pembungaan Eucalyptus pellita F. Muell*, Yogyakarta: Universitas Gadjah Mada.

- Raymond, A Carolyn and Andrew C. MacDonald. 1998. Where to shoot your pilodyn: within tree variation in basic density in plantation *Eucalyptus globulus* and *E. nitens* in Tasmania. *New Forest*, Volume 15, pp. 205-221.
- Riany, F. 2017. *Variasi Genetik dan Nilai Heritabilitas Uji Keturunan Gempol (Nauclea orientalis L.) di Parung Panjang, Bogor*, Bogor: Institut Pertanian Bogor.
- Roliadi, H., Dulsalam dan A. Dian. 2010. Penentuan Daur Teknis Optimal dan Faktor Eksploitasi Kayu Hutan Tanaman Jenis *Eucalyptus* Hybrid sebagai Bahan Baku Pulp Kertas. *Jurnal Penelitian Hasil Hutan*. Volume 28 (4) : 332 - 357
- Santoso, S. 2000. *Buku Latihan SPSS Statistik Parametrik*. Jakarta: PT Elex Media Komputindo.
- Schlegel, R. H. 2003. *Encyclopedic Dictionary of Plant Breeding and Related Subjects*. 1st Edition ed. Boca Raton: CRC Press.
- Sondang, L. M. 2009. *Uji Infeksi Mycosphaerella spp Terhadap Bibit Eucalyptus spp*, s.l.: Univeritas Sumatera Utara.
- Steel, R.G.D and J.H. Torrie. 1980. *Principles and Procedures of Statistics*. A biometrical approach, 2nd Edition ed. New York: McGraw-Hill Book Company.
- Sudomo, A., P. Pipin., R. Encep. 2007. Kajian Kontrol Silvikultur Hutan Tanaman Terhadap Kualitas Kayu Pulp. *Info Teknis*. Vol 5 (2).
- Sukarno, A. 1998. *Penyerbukan Terkendali Eucalyptus pellita F. Muell. dan Eucalyptus Brassiana F. Muell serta Evaluasi Pertumbuhan Hibridnya Sampai Umur 2,5 Bulan di Persemaian*, Yogyakarta: Universitas Gadjah Mada.
- Sulichantini, E.D., M. Sutisna., Sukartiningsih., Rusdiansyah. 2014. Clonal Propagation of Two Clones *Eucalyptus pellita* F. Muell by Mini Cutting. *International Journal of Science and Engineering*, pp. 117-121.
- Susilawati, Siti dan Sri Noegroho Marsoem. 2006. Variation in Wood Physical Properties of *Eucalyptus pellita* Growing in Seedling Seed Orchard in Pleihari, South Kalimantan. *Journal of Forestry Research*, Volume 3, pp. 123-138.
- Wahyudi, Imam., Dicky K.D. Sinaga., Muhran., Lidia B. Jasni. 2014. Pengaruh Jarak Tanam Terhadap Pertumbuhan Pohon dan Beberapa Sifat Fisis-Mekanis Kayu Jati Cepat Tumbuh. *Jurnal Ilmu Pertanian Indonesia (JIPI)*, Volume 19 (3), pp. 204-210.

- Wanagama. 2020. *Mengenal Kawasan Hutan Dengan Tujuan Khusus (KHDTK) Wanagama*. [Online]
Available at: wanagama.fkt.ugm.ac.id
[Accessed Oktober 2020].
- Wang, Y., Zhang, D., Rennert, S. & Chen, Z., 2004. A New Self-pollination mechanism. *Nature*, Volume 431.
- White, E.P., Ernest S.K.M., A.J. Kerkhoff., Brian J. Enquist. 2007. Relationships Between Body Size and Abundance in Ecology. *TRENDS in Ecology and Evolutions*, Volume 22.
- Widiyanto, A. 2016. Pengaruh Teknik Silvikultur Terhadap Kualitas Kayu. *Forestry Research and Development Agency*.
- Wu, S., Z. Lu., J. Xu., G. Chen., Y. Zhu., G. Li. 2015. Genetic Variation in Growth Traits and Stem - Branch Characteristics and Their Relationship to *Eucalyptus* Clones. *Journal of Forestry Research*, Volume 26, pp. 957-962.
- Wu, Shi-jun., Jian-min Xu., G. Li., V. Risto., Z. Lu., B. Li., Wei Wang. 2010. Use of The Pilodyn For Assessing Wood Properties in Standing Trees of *Eucalyptus* clones. *Journal of Forestry Research*, pp. 68-72.
- Young, A.G., E. Gregory., Ann Langston. 2000. Sporophytic self-incompatibility in diploid and tetraploid races of *Rutidoses leptorrhynchoides* (Asteraceae). *Australian Journal of Botany*, Volume 48.
- Zobel, B.J and J. Talbert. 1984. *Applied Forest Tree Improvement*. New York: John Wiley.
- Zumaini, U. F. 2014. *Studi Sifat Kimia dan Morfologi Serat Kayu Pohon Plus di Uji Keturunan Eucalyptus pellita Generasi Ke Dua di Pelaihari, Kalimantan Selatan*, Yogyakarta: Universitas Gadjah mada.