# DAFTAR PUSTAKA

Adjers, G. dan Srivastava, P.B.L. (1993). *Nursery Practices*. Dalam: Awang, K. dan Taylor, D. (ed.) *Acacia mangium: Growing and Utilization*, 75–100. MPTS Monograph Series No. 3. Winrock International dan Food and Agriculture Organization of the United Nations, Bangkok, Thailand.

Ahirwar, S., Swarnkar, R., Bhukya, S., dan Namwade, G. (2019). Application of Drone in Agriculture. *International Journal of Current Microbiology and Applied Sciences*, 8(1), 2500-2505. https://doi.org/10.20546/ijcmas.2019.801.264.

Arifanti, V. B., Sidik, F., Mulyanto, B., Susilowati, A., Wahyuni, T., Yuniarti, N., dan Novita, N. (2022). Challenges and Strategies for Sustainable Mangrove Management in Indonesia: A Review. *Forests*, 13(5), 695. https://doi.org/10.3390/f13050695.

Arisman, H. (2002). Sustainable Acacia Plantations: A Case of Short-Rotation Plantation at PT. Musi Hutan Persada, South Sumatra, Indonesia. In *Advances in Genetic Improvement of Tropical Tree Species*. *Proceedings of the International Conference, Yogyakarta, Indonesia, 1-3 October, 2002* (pp. 9-13). Centre for Forest Biotechnology and Tree Improvement. Badan Penelitian dan Pengembangan Kehutanan dan Japan International Cooperation Agency, Bogor, Indonesia.

Azad, S., Manik, M. R., Hasan, S., Matin, A. (2011). Effect of Different Pre-Sowing Treatments on Seed Germination Percentage and Growth Performance of *Acacia auriculiformis*. *Journal of Forestry Research*, *22*, 183-188. https://doi.org/10.1007/s11676-011-0147-y.

Baskoro, D. P. T. dan Manurung, H. D. (2005). Pengaruh Metode Pengukuran dan Waktu Pengayakan Basah Terhadap Nilai Indeks Stabilitas Agregat Tanah. *Jurnal Tanah dan Lingkungan*, 7(2), 54–57. http://repository.ipb.ac.id/handle/123456789/61989.

Benech-Arnold, R. dan Rodolfo, S. (2004). *Handbook Of Seed Physiology: Applications to Agriculture*. Food Products Press. New York.

Burley, J. (2004). *Encyclopedia of Forest Sciences*. Academic Press. New York.

Campos-Filho, E.M., Costa, J.N.M.N., Da., Sousa, O.L., De, Paulo, S. (2013). Mechanized Direct-Seeding of Native Forests in Xingu, Central Brazil Mechanized Direct-Seeding of Native Forests in Xingu. *Central Brazil* 37–41.

Chakravarty, S., Ghosh, S. K., Suresh, C. P., Dey, A. N., dan Shukla, G. (2012). Deforestation: Causes, Effects, and Kontrol Strategies. *Global Perspectives on Sustainable Forest Management*, 1, 1-26.

Chesworth, W. (2008). *Encyclopedia of Soil Science*. Springer. Dordrecht.

Cole, R. J., Holl, K. D., Keene, C. L., dan Zahawi, R. A. (2011). Direct Seeding of Late-Successional Trees to Restore Tropical Montane Forest. *Forest Ecology and Management*, 261(10), 1590-1597. https://doi.org/10.1016/j.foreco.2010.06.038

Crang, R., Lyons-Sobaski, S., dan Wise, R. (2018). *Plant anatomy: a concept-based approach to the structure of seed plants*. Springer. https://doi.org/10.1007/978-3-319-77315-5

Datiles, M. J. dan Acevedo-Rodriguez, P. (2022) *Acacia mangium (brown salwood), CABI Compendium.* CABI Internasional. https://doi.org/10.1079/cabicompendium.2325.

de Souza, D. C. dan Engel, V. L. (2018). Direct Seeding Reduces Costs, But It Is Not Promising for Restoring Tropical Seasonal Forests. *Ecological Engineering*, 116, 35-44. https://doi.org/10.1016/j.ecoleng.2018.02.019.

Engel, V.L. dan Parrotta, J.A. (2001). An Evaluation of Direct Seeding For Reforestation of Degraded Lands in Central São Paulo State. Brazil. *Forest Ecology and Management*, 152, 169–181. https://doi.org/10.1016/S0378-1127(00)00600-9.

Fukuoka, M. (1978). *The One-Straw Revolution: an Introduction to Natural Farming*. Rodale Press Inc. Emmaus, Pennsylvania.

Gough, R. E. (1995). *Seed Quality: Basic Mechanisms and Agricultural Implications*. CRC Press. Florida.

Grossnickle, S. C. (2000). *Ecophysiology of Northern Spruce Species: The Performance of Planted Seedings*. NRC Research Press.Vancouver.

Hakim, S. S., Santosa, P. B., dan Alimah, D. (2015). Perbandingan Sifat Fisis *Seedball* Aeroseeding dari Beberapa Formula Pembentuk Serta Ketebalan *Seedball*. *Balai Penelitian Kehutanan Banjarbaru*, 1(2), 31-36.

Hanafiah, K.A. 2005. *Dasar-dasar Ilmu Tanah*. Raja Grafindo Persada, Jakarta

Hardjowigeno, S. (2003). *Ilmu Tanah*. Akademika Presindo. Jakarta.

Hillel, D. (2003). *Introduction to Environmental Soil Physics*. Academic Press. London.

Intara, Y. I., Sapei, A., Sembiring, N., dan Djoefrie, M. B. (2011). Pengaruh Pemberian Bahan Organik pada Tanah Liat dan Lempung Berliat terhadap Kemampuan Mengikat Air. *Jurnal Ilmu Pertanian Indonesia*, 16(2), 130-135.

Irawan, A., Halawane, J. E., & Hidayah, H. N. (2018). Teknik Penyimpanan Semai Cempaka Wasian (*Elmerrilia ovalis* (Miq.) Dandy) Menggunakan Zat Penghambat Tumbuh dan Perlakuan Media Tanam (The Techniques of Storing Cempaka Wasian (*Magnolia tsiampaca* (Miq.) Dandy) using Growth Inhibitor and Planting Media Treatment). *Jurnal Penelitian Hutan Tanaman*, 15(2), 87-96.

Koutika, L. S. and Richardson, D. M. (2019). *Acacia mangium* Willd: Benefits and Threats Associated with Its Increasing Use Around The World. *Forest Ecosystems*, 6, 1-13. https://doi.org/10.1186/s40663-019-0159-1.

Krisnawati, H., Kallio, M., dan Kanninen, M. (2011). *Acacia mangium Willd.: Ecology, Silviculture, and Productivity*. CIFOR. https://doi.org/10.17528/cifor/003392

Kusuma, M., Payung, D., dan Rahmawati, N. (2019). Uji Daya Kecambah Benih Akasia (*Acacia Mangium* Willd) di Desa Teluk Kepayang Kecamatan Kusan Hulu Kabupaten Tanah Bumbu Kalimantan Selatan. *Jurnal Sylva Scienteae*, 2(1), 175-183.

Lawenga, F. F., Hasanah, U. dan Widjajanto, D. (2015). Pengaruh Pemberian Pupuk Organik terhadap Sifat Fisika Tanah dan Hasil Tanaman Tomat (*Lycopersicum esculentum* Mill.) di Desa Bulupountu Kecamatan Sigi Biromaru Kabupaten Sigi. *Agrotekbis: E-Jurnal Ilmu Pertanian*, 3(5), 564-570.

Meli, P., Isernhagen, I., Brancalion, P.H.S., Isernhagen, E.C.C., Behling, M., Rodrigues, R.R. (2017). Optimizing Seeding Density of Fast-Growing Native Trees for Restoring the Brazilian Atlantic Forest. *Restoration Ecology*. 26(2), 212–219. https://doi.org/10.1111/rec.12567.

Missanjo, E., Chioza, A., & Kulapani, C. (2014). Effects of Different Pretreatments to The Seed on Seedling Emergence and Growth of *Acacia polyacantha*. *International Journal of Forestry Research*, 2014, 1–6. https://doi.org/10.1155/2014/583069.

Nwankwo, C. I., Mühlena, J., Biegert, K., Butzer, D., Neumann, G., Sy, O., & Herrmann, L. (2018). Physical and Chemical Optimisation Of The Seedball Technology Addressing Pearl Millet under Sahelian Conditions. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*, 119(2), 67-79.

Palma, A.C. dan Laurance, S.G.W. (2015). A Review of The Use of Direct Seeding and Seedling Plantings in Restoration: What Do We Know and Where Should We Go? *Applied Vegetation Science*, 18, 561–568. https://doi.org/10.1111/avsc.12173.

Pan, W. L., Madsen, I. J., Bolton, R. P., Graves, L. and Sistrunk, T. (2016). Ammonia/Ammonium Toxicity Root Symptoms Induced by Inorganic and Organic Fertilisers and Placement. *Agronomy Journal*, 108, 2485–2492. https://doi.org/10.2134/agronj2016.02.0122.

Pessarakli, M. (2001). *Handbook of Plant dan Crop Physiology Revised dan Expanded*. CRC Press. Florida.

Priadi, D. (2010). Aplikasi Teknik Enkapsulasi pada Biji Sengon (*Paraserianthes falcataria*). *Jurnal Teknologi Indonesia*, 33, 92-99.

Primavera, J. H. dan Esteban, J. M. A. (2008). A Review of Mangrove Rehabilitation in The Philippines: Successes, Failures and Future Prospects. *Wetlands Ecology and Management*, 16(5), 345-358.

Puspitasari, D. A. dan Suryaman, M. (2019). *Efektivitas Skarifikasi yang Dikombinasikan dengan Perendaman Benih Dalam Larutan $H_2SO_4$, HCl dan $GA_3$ terhadap Perkecambahan Biji Aren* (*Arenga pinnata* Merr). In Prosiding

Seminar Nasional Agroteknologi 2019 Jurusan Agroteknologi Universitas Islam Negeri Sunan Gunung Djati Bandung (pp. 555-561). UIN Sunan Gunung Djati, Bandung.

Quinn, G. P. dan Keough, M. J. (2002). *Experimental Design and Data Analysis for Biologists*. Cambridge University Press. New York.

Rahmawati, I. D., Purwani, K. I. dan Muhibuddin, A. (2019). Pengaruh Konsentrasi Pupuk P terhadap Tinggi Dan Panjang Akar *Tagetes erecta* L.(Marigold) terinfeksi Mikoriza yang Ditanam secara Hidroponik. *Jurnal Sains dan Seni ITS*, 7(2), 42–46.

Ralph, M. (2009). *Growing Australian Native Plants from Seed for Revegetation, Tree Planting, and Direct Seeding*. Murray Ralph/Bushland Horticulture. Bullarto, Australia.

Reece, J. B., Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., dan Jackson, R. B. (2014). *Campbell Biology (Vol. 9)*. Pearson. Boston.

Rosdiana, R., Zulkaidhah, Z., Umar, H., dan Wahyuni, D. Pengaruh Berbagai Jenis Skarifikasi terhadap Perkecambahan Benih Saga (*Adenanthera Pavonina* L) di Persemaian Permanen BPDAS Palu-Poso. *Jurnal Warta Rimba*, 8(2), 130-135.

Rusdy, M. (2020). Pengaruh Skarifikasi Biji dengan Perlakuan Air Panas, Mekanik dan Asam terhadap Kemunculan Bibit dan Pertumbuhan Awal Lamtoro (*Leucaena leucocephala). Buletin Nutrisi dan Makanan Ternak*, 14(1), 9-18. https://doi.org/10.20956/bnmt.v14i1.10578.

Schmidt, L. H. (2007). *Tropical Forest Seed*. Springer Science dan Business Media. Hoersholm, Denmark.

Schroth, G. dan Sinclair, F. L. (Eds.). (2003). *Trees, Crops, and Soil Fertility: Concepts and Research Methods*. CABI. Wallingford, United Kingdom.

Sethi, R., Kumar, S., Gupta, D., dan Mangal, P. K. (2019). Designing and Calibration of A Manual Afforestation Drone. *International Journal of Innovative Science and Research Technology*, 6(5), 2456-2165.

Sitters, J., Edwards, P. J., dan Olde Venterink, H. (2013). Increases of Soil C, N, and P Pools along An Acacia Tree Density Gradient and Their Effects on Trees and Grasses. *Ecosystems*, 16, 347-357.

Siyag, P. R. (2014). *Afforestation, Reforestation and Forest Restoration in Arid and Semi-arid Tropics: A Manual of Technology dan Management*. Springer Science dan Business Media. Dordrecht.

Sudrajat, D. J., Nurhasybi, B. Y., dan Bramasto, Y. (2015). *Standar Pengujian dan Mutu Benih Tanaman Hutan*. Forda Press. Bogor.

Taiz, L. dan Zeiger, E. (2002). *Plant physiology and development 3rd Ed*. Sinauer Associates Incorporated. Massachusetts.

Tamilarasan, C., Jerlin, R. and Raja, K. (2021). Seedball Technique for Enhancing The Establishment of Subabul (*Leucaena leucocephala*) under Varied Habitats. *Journal of Tropical Forest Science*, 33(3), 349–355. https://doi.org/10.26525/JTFS2021.33.3.349.

Tamilarasan, C., Jerlin, R., and Raja, K. (2021). Standardization of Seed Ball Media For Fodder Sorghum To Increase Green Cover And Fodder Availability In Degraded Lands. *Journal of Applied and Natural Science*, 13(SI), 18-25. https://doi.org/10.31018/JANS.V13ISI.2772.

Tefa, A. (2017). Uji viabilitas dan Vigor Benih Padi (*Oryza sativa* L.) Selama Penyimpanan pada Tingkat Kadar Air yang Berbeda. *Savana Cendana*, 2(03), 48-50.

Tian, Y., Guan, B., Zhou, D., Yu, J., Li, G. and Lou, Y. (2014). Responses of Seed Germination, Seedling Growth, and Seed Yield Traits to Seed Pretreatment in Maize (*Zea mays* L.). *The Scientific World Journal*, 2014, 1-8. https://doi.org/10.1155/2014/834630.

Voigtlaender, M., Laclau, J. P., Gonçalves, J. L. D. M., Piccolo, M. D. C., Moreira, M. Z., Nouvellon, Y. and Bouillet, J. P. (2012). Introducing *Acacia mangium* Trees in Eucalyptus Grandis Plantations: Consequences for Soil Organic Matter Stocks and Nitrogen Mineralization. *Plant and soil*, 352, 99-111. https://doi.org/10.1007/s11104-011-0982-9.

Walida, H., Harahap, F. S., Dalimunthe, B. A., Hasibuan, R., Nasution, A. P., & Sidabuke, S. H. (2020). Pengaruh Pemberian Pupuk Urea dan Pupuk Kandang Kambing terhadap Beberapa Sifat Kimia Tanah dan Hasil Tanaman Sawi Hijau. *Jurnal Tanah dan Sumberdaya Lahan*, 7(2), 283-289.

Walker, L. R. dan Del Moral, R. (2003). *Primary succession and ecosystem rehabilitation*. Cambridge University Press. New York.

Wasis, B., Setiadi, Y. dan Tarigan, H. B. (2011). Pertumbuhan Semai Jabon (*Anthocephalus cadamba* Roxb. Miq.) pada Media Tailing PT ANTAM Unit Bisnis Pongkor dengan Penambahan *Top Soil* dan Kompos. *Jurnal Silvikultur Tropika*, 2(3), 136–142.

Widodo, K. H. dan Kusuma, Z. (2018). Pengaruh Kompos terhadap Sifat Fisik Tanah dan Pertumbuhan Tanaman Jagung di Inceptisol. *Jurnal Tanah dan Sumberdaya Lahan*, 5(2), 959-967.

Zahawi, R. A. dan Holl, K. D. (2009). Comparing The Performance of Tree Stakes and Seedlings to Restore Abandoned Tropical Pastures. *Restoration Ecology*, 17(6), 854-864. https://doi.org/10.1111/j.1526-100X.2008.00423.x

Zubaidah, S., Mansur, I., Budi, S. W., dan Yusmur, A. (2022). Seedball Coating Material Formulation to Enhance Germination and Growth of Fruit and Forest Seeds. *IOP Conference Series: Earth and Environmental Science*, 959(1), 012039.