

## DAFTAR PUSTAKA

- Abdurachman, S. H., H. Komalig, dan N. Nainggolan. 2014. Penggunaan analisis komponen utama dalam penggabungan data peubah ganda pada kasus produksi pertanian dan perkebunan di Wilayah Bolaang Mongondow tahun 2008. *Jurnal de Cartesian*. 3(2): 1-8.
- Ajuru, M. G., and B. E. Okoli. 2013. The morphological characterization of the melon species in the family Cucurbitaceae Juss., and their utilizatuon in Nigeria. *International Journal of Modern Botany*. 3(2): 15-19.
- Ambarwati, E. 2014. Pengantar Genetika Kuantitatif. Gadjah Mada University Press, Yogyakarta.
- Amzeri, A., K. Badami, S. Khoiri, A. S. Umam, N. Wahid, dan S. Nurlaell. 2020. Karakter morfologi, heritabilitas dan indeks seleksi terboboti beberapa generasi F1 Melon (*Cucumis melo* L.). *Jurnal Agro*. 7(1): 42-51.
- Babadoost, M. 2005. Phytophthora Blight of Cucurbits. <<https://www.apsnet.org/edcenter/disandpath/oomycete/pdlessons/Pages/Phytophthora.aspx>>. Diakses 24 Maret 2023.
- Bachlava, E., J. J. King, S. Krishnamurthy, J. M. Wentzell, and M. Adam. 2013. Methods and Compositions for Producing Plants with Elevated Brix. International Patent Classification, Chicago.
- Badan Pusat Statistik. 2022. Produksi Tanaman Buah-buahan, 1997-2021. <<https://www.bps.go.id/indicator/55/62/1/produksi-tanaman-buah-buahan.html>>. Diakses 10 Desember 2022.
- Benkart, T. J. 2019. *Cucumis melo* var. *dudaim* (L.) Naudin. <<https://www.gbif.org/occurrence/2557651743>>. Diakses 28 Desember 2022.
- Brewbaker, J. L. and B. H. Kwack. 1963. The essential role of calcium ion in pollen germination and pollen tube growth. *American Journal of Botany*. 50(9): 859-865.
- Burger, Y., U. Sa'ar, H. Paris, E. Lewinsohn, N. Katzir, Y. Tadmor, and S. Arthur. 2006. Genetic variability for valuable fruit quality traits in *Cucumis melo*. *Israel Journal of Plant Sciences*. 54: 33-242.
- Chang, A., X. Zheng, H. Xiao, X. Yao, D. Liu, X. Li, and Y. Li. 2022. Short- and medium-wave infrared drying of cantaloupe (*Cucumis melon* L.) Slices: drying kinetics and process parameter optimization. *Processes*. 10(1): 114-133.
- Chomicki, G., H. Schaefer, and S. S. Renner. 2019. Origin and domestication of Cucurbitaceae crops: insights from phylogenies, genomics and archaeology. *New Phytologist*. 226: 1240-1255.
- Daryono, B. S. dan S. D. Maryanto. 2017. Keanekaragaman dan Potensi Sumber Daya Genetik Melon. Gadjah Mada University Press, Yogyakarta.

- Drown, D. M. and M. J. Wade. 2014. Runaway coevolution: adaptation to heritable and nonheritable environments. *Evolution*. 68(10): 3039–3046.
- Du, X., H. Liu, Z. Zhu, S. Liu, Z. Song, L. Xia, J. Zhao, F. Luan, and S. Liu. 2022. Identification of candidate chromosome region related to melon (*Cucumis melo* L.) fruit surface groove trait through biparental genetic mapping and genome-wide association study. *Frontiers in Plant Science*. 13: 828287.
- Enyew, M. T. Dejene, B. Lakew, and F. Worede. 2019. Clustering and principal component analysis of Barley (*Hordeum vulgare* L.) Landraces for major morphological traits from North Western Ethiopia. *International Journal of Agricultural Science and Food Technology*. 5(1): 58-63.
- Fageria, N. K., M. P. Barbosa Filho, A. Moreira, and C. M. Guimarães. 2009. Foliar fertilization of crop plants. *Journal of Plant Nutrition*. 32: 1044-1064.
- Fatahian, V., R.A. Halim, I. Ahmad, K. Chua, C.B.S. Teh and Y. Awang. 2013. Melon production using four hydroponic systems. *Acta Horticulturae* 1004 (1004):85-92.
- Fehr, W. 1991. *Principles of Cultivar Development: Theory and Technique*. Macmillan Publishing Company, Iowa.
- Fernández-Trujillo, J. P., B. Picó, J. Garcia-Mas, J. M. Álvarez, and A. J. Monforte. 2011. Breeding for Fruit Quality in Melon. In: M. A. Jenks and P. J. Bebeli (Eds.). *Improving the Quality of Specific Fruits*. John Wiley & Sons, US, p: 261-278.
- Gunaeni, N. W. Setiawati, dan Y Kusandriani. 2014. Pengaruh perangkat likat kuning ekstrak *Tagetes erecta* dan imidacloprid terhadap perkembangan vektor kutu kebul dan virus kuning keriting pada tanaman cabai merah (*Capsicum annum* L.). *Jurnal Hortikultura*. 24(1): 346-354.
- He, D. F., X. Zhao, C. Z. Liang, T. Zhu, M. A. Abid, Y. P. Cai, J. L. He, and R. Zhang. 2018. Genetic variation in LBL1 contributes to depth of leaf blades lobes between cotton subspecies, *Gossypium barbadense* and *Gossypium hirsutum*. *Journal Of Integrative Agriculture*. 17(11): 2394-2404.
- Huang, S., R. Li, Z. Zhang, L. Li, X. Gu, W. Fan, *et al.* 2009. The genome of the cucumber, *Cucumis sativus* L.. *Nature Genetics*. 41(2): 1275-1283.
- IPGRI. 2003. *Descriptors for Melon (Cucumis melo L.)*. International Plant Genetic Resources, Rome.
- Jackson, G. 2019. Cucurbit warts. *Pacific Pests and Pathogens - Fact Sheets*. <[https://apps.lucidcentral.org/ppp/text/web\\_full/entities/cucurbit\\_warts\\_267.htm](https://apps.lucidcentral.org/ppp/text/web_full/entities/cucurbit_warts_267.htm)> . Diakses 28 Desember 2022.
- Jayakodi, M., M. Schreiber, and M. Mascher. 2019. Sweet genes in melon and watermelon. *Nature Genetics*. 51: 1572-1573.
- Jeffrey, C. 1967. *Flora of Tropical East Africa: Cucurbitaceae*. Royal Botanic Gardens, Kew.

- Kerje, T. and M. Grum. 2000. The origin of melon, *Cucumis melo*: a review of the literature. *Acta Horticulturae*. 510: 37-44.
- Khalid, W., A. Ikram, M. Rehan, F.A. Afzal, S. Ambreen, M. Ahmad, A. Aziz and A. Sadiq. 2021. Chemical composition and health benefits of melon seed: A review. *Pakistan Journal of Agricultural Research*, 34(2): 309-317.
- Kumar, A., V. Sharma, B. T. Jain, and P. Kaushik. 2020. Heterosis breeding in eggplant (*Solanum melongena* L.): gains and provocations. *Plants* 9: 1-16.
- Kumar, A., V. Sharma, B. T. Jain, and P. Kaushik. 2020. Heterosis breeding in eggplant (*Solanum melongena* L.): gains and provocations. *Plants* 9: 1-16.
- Laguna. 2022. Golden Canary Melon. <<https://www.laguna.id/product>>. Diakses 28 Desember 2022.
- Laosuwan, P. and R. E. Atkins. 1977. Estimates of combining ability and heterosis in converted exotic sorghums. *Crop Science*. 17: 47-50.
- Les Domaines Export. 2022. Green Charentais Melon. <<https://www.lesdomainesexport.com/en/green-charentais-melon/>>. Diakses pada 30 Maret 2023.
- Liang, R., Y. Su, X. Qin, Z. Gao, Z. Fu, H. Qiu, X. Lin, and J. Zhu. 2022. Comparative transcriptomic analysis of two *Cucumis melo* var. *saccharinus* germplasms differing in fruit physical and chemical characteristics. *BMC Plant Biology*. 22(1): 193.
- Lim, T. K. 2011. *Cucumis melo* (Conomon Group). In: T. K. Lim (Eds.). *Edible Medicinal And Non-Medicinal Plants*. Springer, Dordrecht, p: 204–209.
- Luu, K., E. Bazin, and M. G. B. Blum. 2016. pcadapt: An R package to perform genome scans for selection based on principal component analysis. *Molecular Ecology Resources*. 17(1): 67-77.
- Mahardika, S. dan A. L. Adirejo. 2020. Evaluasi penampilan F1 tanaman melon (*Cucumis melo* L.) pada beberapa karakter morfologi. *Jurnal Produksi Tanaman*. 8(11): 1074-108.
- Merheb, J., M. Pawełkowicz, F. Branca, H. Bolibok-Brągoszewska, A. Skarzyńska, W. Pląder, and L. Chalak. 2020. Characterization of Lebanese germplasm of snake melon (*Cucumis melo* subsp. *melo* var. *flexuosus*) using morphological traits and ssr markers. *Agronomy*. 10(9): 1293.
- Ministry of Foreign Affairs of Japan. 2020. Hokkaido: Yubari Melon <<https://web-japan.org/kidsworld/local/yubari-melon/>>. Diakses 28 Desember 2022.
- Naktuinbouw. 2010. Naktuinbouw Calibration Book: Melon. Naktuinbouw, Roelofarendsveen, Netherlands.
- Njoku, E. 1956. The effect of light intensity on leaf shape in *Ipomea caerulea*. *The New Phytologist*. 55(1): 91-110.

- North, C. 1979. *Plant Breeding and Genetics in Horticulture*. The Macmillan Press, London.
- Nuñez-Palenius, H. G., M. Gomez-Lim, and N. Ochoa-Alejo. 2008. Melon fruits: genetic diversity, physiology, and biotechnology features. *Critical Reviews in Biotechnology*. 28: 13-55.
- Pan, Y., Y. Wang, C. McGregor, S. liu, F. Luan, M. Gao, and Y. Weng. 2020. Genetic architecture of fruit size and shape variation in cucurbits: a comparative perspective. *Theoretical and Applied Genetics*. 133: 1-21.
- Sakata, Y. and M. Sugiyama. 2002. Characteristics of Japanese Cucurbits. *Acta Horticulturae*. 588: 195-203.
- Saputra, H. E., M. Syukur, W. B. Suwarno, and Sobir. 2022. Diversity and similarity of melon (*Cucumis melo* L.) groups and determination of distinguishing morphological characters. *Biodiversitas*. 23(12): 6254-6261.
- Sastry, K. S., B. Mandal, J. Hammond, S. W. Scott, and R. W. Briddon. 2019. *Cucumis melo* (Muskmelon or Cantaloupe). In: Sastry, K. S., B. Mandal, J. Hammond, S. W. Scott, and R. W. Briddon (Eds.). *Encyclopedia of Plant Viruses and Viroids*, Springer, India, p. 677-701.
- Sebastian, P., H. Schaefer, I. R. H. Telford, and S. S. Renner. 2010. Cucumber (*Cucumis sativus*) and melon (*C. melo*) have numerous wild relatives in Asia and Australia, and the sister species of melon is from Australia. *PNAS*. 107(32): 14269–14273.
- Singh, A. K., S. Kumar, H. K. Singh, V. O. Rai, B. D. Singh, and S. Pandey. 2015. Genetic diversity in Indian snapmelon (*Cucumis melo* var. *momordica*) accessions revealed by ISSR markers. *Plant Omics*. 8: 9–16.
- Singh, R., L. R. Ram, and R. P. Srivastava. 2012. A journey of hybrids in maize: an overview. *Indian Research Journal of Extension Education Special Issue*. 1: 340-344.
- Sobir dan F. D. Siregar. 2010. *Budidaya Melon Unggul*. Penebar Swadaya, Depok.
- Sobir, W. B. Suwarno, dan E. Gunawan. 2009. Uji Multilokasi Melon Hibrida Potensial dan Perakitan Varietas Melon Hibrida Unggul. *Prosiding Seminar Hasil-Hasil Penelitian IPB*, Bogor, 22-23 Desember 2009.
- South GA Seed Co. 2022. Israel Ha'ogen Melon Seeds. <<https://stores.southgaseedco.com/israel-haogen-melon-seeds-qty-25/>>. Diakses 28 Desember 2022.
- Syukur, M., S. Sujiprihati, dan R. Yuniarti. 2018. *Teknik Pemuliaan Tanaman*. Penebar Swadaya, Jakarta.
- The Angiosperm Phylogeny Group. 2016. An update of the angiosperm phylogeny group classification for the orders and families of flowering plants: APG IV. *Botanical Journal of the Linnean Society*. 181: 1-20.

- Torres, A., P. Langenhoven, and B. K. Behe. 2020. Characterizing the U.S. melon market. *HortScience*. 55(6): 795-803.
- Tzuri, G., X. Zhou, N. Chayut, H. Yuan, V. Portnoy, A. Meir, U. Sa'ar, F. Baumkoler, M. Mazourek, E. Lewinsohn, Z. Fei, A. A. Schaffer, L. Li, J. Burger, N. Katzir, and Y. Tadmor. 2015. A 'golden' SNP in CmOr governs the fruit flesh color of melon (*Cucumis melo*). *The Plant Journal*. 82(2): 267-279.
- UPOV. 2019. Guidelines For The Conduct Of Tests For Distinctness, Uniformity And Stability. <<https://www.upov.int/edocs/tgdocs/en/tg104.pdf>>. Diakses 6 September 2022.
- van Hulsten, M. H. A., M. Paulo, W. Kruijer, H. Blankestijn-De Vries, F. F. M. Becker, J. Yang, K. Lausm M. E. Stam, F. A. van Eeuwijk, and J. B. Keurentjes. 2018. Assessment of heterosis in two *Arabidopsis thaliana* common-reference mapping populations. *PLoS ONE*. 13(10): 1-25.
- Wäldchen, J., M. Rzanny, M. Seeland, and P. Mäder. 2018. Automated plant species identification trends and future directions. *PLOS Computational Biology* 14: 1-19.
- Xu, L. L., Y. H. He, L. L. Tang, Y. Y. Xu, and G. W. Zhao. 2022. Genetics, genomics, and breeding in melon. *Agronomy*. 12(11): 2891.
- Zhang, T. F., J. J. Liu, S. Liu, Z. Ding, F. Luan, and P. Gaol. 2019. Bulk-segregant analysis identified a putative region related to short internode length in melon. *Hortscience*. 54(8):1293-1298.