

DAFTAR PUSTAKA

- Acquaah, G. 2007. Principles of Plant Genetics and Breeding. Blackwell Publishing. Massachusetts.
- Adhikari, B.M., B.P. Joshi, J. Shrestha, and N.R. Bhatta. 2018. Genetic variability, heritability, genetic advanced and correlation among yield and yield components of rice (*Oriza sativa* L.). Journal of Agricultural and Natural Resources 1(1): 149-160.
- Ambarwati, E. 2016. Pengantar Genetika Kuantitatif. Gadjah Mada University Press. Yogyakarta.
- Aravind, J., S. Mukesh Sankar, D.P. Wankhede, and V. Kaur. 2021. augmentedRCBD: Analysis of Augmented Randomised Complete Block Designs. R package version 0.1.7.9000, <https://aravind-j.github.io/augmentedRCBD> / <https://cran.r-project.org/package=augmentedRCBD>.
- Bhagavati, P.P., T.S.K.K.K. Patro, N.V. Prasad, M.L.N. Reddy, N. Emmanuel, D.R.S. Suneetha. 2019. Correlation for growth, quality, yield and yield components in yardlong bean (*Vigna unguiculata* (L.) walp. ssp. *Sesquipedalis* verdc.). Int.J.Curr.Microbiol.App.Sci 8(1): 410-414.
- BPS. 2021. Produksi Tanaman Sayuran. <<https://www.bps.go.id/indicator/55/61/1/produksi-tanaman-sayuran.html>>. Diakses 6 Juli 2021.
- Burgueño, J., Crossa, J., Rodríguez, F. and Yeater, K.M. (2018). Augmented Designs- Experimental Designs in Which All Treatments are not Replicated. In Applied Statistics in Agricultural, Biological, and Environmental Sciences (eds B. Glaz and K.M. Yeater). <<https://doi.org/10.2134/appliedstatistics.2016.0005.c13>>.
- Burns, G. W. 1976. The Science of Genetics: An Introduction to Heredity. 3rd Edition. Macmillan Publ. Co. New York. 564 p.
- Ceranka, B. and H. Chudzik. 1984. On construction of some augmented block designs. Bio. J. 26(8): 849-857.
- Crowder, L.V. 1986. Genetika Tumbuhan, Edisi Indonesia. Gadjah Mada University Press. Yogyakarta.
- Devan, S.R., V. Rathod, K.N. Chinthan, T.N. Lakshmiddevamma, G. Deepashree, M. Anjanappa, and D.C. Manjunathagowda. 2021. Morphological characterization, trait variability and their association, and diversity analysis among yard long bean (*Vigna unguiculata* (L.) Walp. subsp. *Sesquipedalis* (L.) Verdc.) genotypes. <DOI: <https://doi.org/10.21203/rs.3.rs-572423/v1>>. Diakses 16 Mei 2023.

- Edematie, V.E., C. Fatokum, O. Boukar, V.O. Adetimirin, and P.L. Kumar. 2021. Inheritance of pod length, and other yield components in two cowpea and yard-long bean crosses. *Agronomy* 11(682): 1-17.
- Ene, C.O., P.E. Ogbonna, C.U. Agbo, and U.P. Chukwudi. 2016. Studies of phenotypic and genotypic variation in sixteen cucumber genotypes. *Chilean Journal of Agricultural Research* 76(3): 307-313.
- Federer, W.T. 1961. Augmented design with one-way elimination of heterogeneity. *Biometrics* 17(3): 447-473.
- Fehr, W.R. 1987. *Principles of Cultivar Development: Theory and Technique*. Vol 1. Macmillan Publishing Company. New York.
- Hartati, S., M. Barnawi, dan N. Sa'diyah. 2013. Pola segregasi karakter agronomi tanaman kedelai (*Glycine max* [L.] Merrill) generasi F2 hasil persilangan Wilis × B3570. *J. Agrotek Tropika* 1(1): 8-13.
- Jambormias, E., S.H. Sutjahjo, A.A. Mattjik, Y. Wahyu, dan D. Wirnas. 2013. Modifikasi rancangan bersekat dan pendugaan parameter genetika pada generasi awal tanaman menyerbuk sendiri. *Jurnal Budidaya Pertanian* 9(2): 52-59.
- Jayaramachandran, M., N. Kumaravadivel, S. Eapen, and G. Kancasamy. 2010. Gene action for yield attributing characters in segregating generation (M2) of sorghum (*Sorghum bicolor* L.) Elec. *J. Plant Breeding* 1: 802-808.
- Johnson, H.W., H.F. Robinson, and R.E. Comstock. 1955. Estimates of genetic and environmental variability in soybeans. *Agronomy Journal* 47(7): 314-318.
- Khan, M.M.H., M.Y. Rafii, S.I. Ramlee, M. Jusoh, and Al Mamun. 2020. Genetic variability, heritability, and clustering pattern exploration of Bambara Groundnut (*Vigna subterranea* L. Verdc) accessions for the perfection of yield and yield-related traits. *BioMed Research International* 2020: 1-31.
- Kumar, R. and T.C. Wehner. 2011. Discovery of second gene for solid dark green versus light green rind pattern in watermelon. *Journal of Heredity* 102(4): 489-493.
- Kusmiyati, F., S. Anwar, and B. Herwibawa. 2021. Study on genetic variability and heritability in F5 segregating generation for yield and its components in yardlong bean. *Advanced in Biological Sciences Research* 17: 44-48.
- Kusmiyati, F., S. Anwar, U. Jamiati, and B. Herwibawa. 2021. Segregation ratio and heritability of agronomic character in yardlong bean F2 population. *IOP Conf. Ser.: Earth Environ. Sci.* 803(2021): 1-6.
- Madakemohekar, A.H., S.S. Bornare, and A.S. Chavan. 2014. Genetic variability and character association for quality traits in recombinant inbred lines derived from inter sub-specific crosses of rice (*Oryza sativa* L.). *Bangladesh Journal of Botany* 43(1): 97-99.

- Mahfud and R.H. Murti. 2020. Inheritance pattern of fruit color and shape in multi-pistil and purple tomato crossing. *Agrivita Journal of Agriculture Science* 42(3): 572-583.
- Makmur, A. 2001. Pengantar Pemuliaan Tanaman. Direktorat Jenderal Pendidikan Tinggi Departemen Pendidikan Nasional. Jakarta
- Miko, I. 2008. Epistasis: Gene interaction and phenotype effects. *Nature Education*, 1(1):197.
- Mustapha, Y. and B.B. Singh. 2008. Inheritance of pod colour in cowpea (*Vigna unguiculata* (L.) Walp). *Science World Journal* 3(2): 39-42.
- Najafabadi, M.Y., M. Hesami, and I. Rajcan. 2023. Unveiling the mysteries of non-Mendelian heredity in plant breeding. *Plants* 12(1956): 1-20.
- Nooprom, K. and Q. Santipracha. 2015. Effect of varieties on growth and yield of yardlong bean under songkhla conditions, southern thailand. *Modern Applied Science* 9(13): 247-251.
- Nugroho, W.P., M. Barmawi, dan N. Sa'diyah. 2013. Pola segregasi karakter agronomi tanaman kedelai (*Glycine max* [L.] Merrill) generasi F₂ hasil persilangan yellow bean dan taichung. *J. Agrotek Tropika* 1(1): 38-44.
- Nurhidayah, S., Y. Wahyu, dan W.B. Suwarno. 2017. Parameter genetik dan deteksi segregan transgresif pada populasi kacang tanah (*Arachis hypogea* L.) generasi F₃. *J. Agron. Indonesia* 45(2): 162-168.
- Oktavianti, A., M. Izzati, dan S. Parman. 2017. Pengaruh pupuk kandang dan NPK mutiara terhadap pertumbuhan dan produksi kacang panjang (*Vigna unguiculata* subsp. *sesquipedalis*) pada tanah berpasir. *Buletin Anatomi dan Fisiologi* 2(2): 236-241.
- Owusu, E.Y., R. Akronah, N.N. Denwar, J. Adjebeng-Danquah, F. Kusi, and M. Haruna. 2018. Inheritance of early maturity in some cowpea (*Vigna unguiculata* (L.) Walp.) genotypes under rain fed conditions in northern Ghana. *Advamces in Agriculture* 2018: 1-10.
- Padi, F.K. 2003. Genetic analyses of pigmentation in cowpea. *Pakistan Journal of Biological Sciences* 6(19): 1655-1659.
- Pidigam, S., S.B. Munnam, S. Nimmarajula, N. Gonela, S.S. Asimulam, H. Yadla, L. Bandari, and G. Amarapilii. 2019. Assesment of genetic diversity in yardlong bean (*Vigna unguiculata* L). Walp subsp. *Sesquipedalis* Verdc.) germplasm from India using RAPD markers. *Genetic Resources and Crop Evolution* 66(5): 1-15.
- Pitojo, S. 2006. Benih Kacang Panjang. Kanisius. Yogyakarta.

- Priyanto, S.B., M. Azrai, dan M. Syakir. 2018. Analisis ragam genetik, heritabilitas, dan sidik lintas karakter agronomik jagung hibrida silang tunggal. *Informatika Pertanian* 27(1): 1-8.
- Rachmawati, A., S. Anwar, dan Karno. 2020. Pola segregasi karakter agronomi tanaman kacang panjang (*Vigna unguiculata* subsp. *sesquipedalis*) generasi F2 hasil persilangan varietas Super Putih x Fagiola IPB. *Jurnal Agro Complex*, 4(2):79-88.
- Ramadhan, F., W.B. Suwarno, A. Nindita, dan H. Aswidinnoor. 2018. Analisis genetik arsitektur malai padi menggunakan 2 populasi F₂. *J. Agron. Indonesia* 46(1):1-8.
- Ramya, K.T., P. Ratnakumar, M.D. Mohanrao, and A.R.G. Ranganatha. 2021. Development and genetic analysis of conspicuous purple coloured corolla lip flower with multicapsules genotype in sesame (*Sesamum indicum* L.). *Journal of Genetics* 100(82): 1-7.
- Reddy, A.K., D.M. Reddy, Lakshminarayana, R. Vemireddy, P. Sudhakar, and B.V.B. Reddy. 2022. Scrunity o gene action underlying yield contributing traits and earliness in blackgram (*Vigna mungo* (L.) Hepper). *Electric Journal of Plant Breeding* 13(3): 1077-1083.
- Rini, E.P., S. Marwiyah, D. Wirnas, and Trikoesoemaningtyas. 2022. Genetic analysis in an F₂ population derived from Indonesian local sorghum with new superior variety. *J. Agron. Indonesia* 50(3): 275-282.
- Rohaeni, W.R. dan K. Permadi. 2012. Analisis sidik lintas beberapa karakter komponen hasil terhadap daya hasil padi sawah pada aplikasi agrisimba. *Agrotrop* 2(2): 186-190.
- Sa'diyah, N., M. Widiastuti, dan Ardian. 2013. Keragaan, keragaman, dan heritabilitas karakter agronomi kacang panjang (*Vigna unguiculata*) generasi F₁ hasil persilangan tiga genotipe. *J. Agrotek Tropika* 1(1): 32-37.
- Saba, I., P.A. Sofi, N.A. Zeerak, R.R. Mir, and M. Gull. 2017. Using augmented design for evaluation of common bean (*Phaseolus vulgaris* L.) germplasm. *International Journal of Current Microbiology and applied sciences* 6(7): 246-254.
- Saputra, H.E., D.W. Ganefianti, U. Salamah, Y. Sariasih, dan N.D. Ardiansyah. 2019. Estimasi ragam, jumlah kelompok gen pengendali karakter dan heritabilitas tomat di dataran rendah. *J. Hort. Indonesia* 10(2): 112-118.
- Sartika, D., Taryono, and R.S. Sayekti. 2020. The effect of the stake structure models on pod quality of several yardlong bean varieties (*Vigna unguiculata* L. subsp. *Sesquipedalis*). *Agrinova* 3(1): 001-005.
- Sivasubramanian, S. and P. Madhavamenon. 1973. Genotypic and phenotypic variability in rice. *Madras Agric Journal* 60(9-12): 1093-1096.
- Strickberger, M. W. 1976. *Genetics*. 2nd. Macmillan Publ. co. New York. 914 p.

- Syukur, M., S. Sujiprihati, dan R. Yunianti. 2018. Teknik Pemuliaan Tanaman. Edisi Revisi. Penebar Swadaya. Jakarta Timur.
- Togatorop, E.R., D.N. Sari, D. Novita, E. Susilo, dan Parwito. 2021. Korelasi karakter pertumbuhan dan hasil kacang panjang lokal di lahan bekas sawah. *PENDIPA Journal of Science Education* 5(3): 389-393.
- Tomooka, N., K. Naito, A. Kaga, H. Sakai, T. Isemura, E. Ogiso-Tanaka, K. Iseki, Y. Takahashi. 2014. Evolution, domestication and neo-domestication of the genus *Vigna*. *Plant Genetic Resources: Characterization and Utilization* 12(1): 168–171.
- USDA. 2012. Plant Guide Yardlong Bean *Vigna unguiculata* (L.) Walp. Ssp. *sesquipedalis* (L.) Verdc. <https://plants.usda.gov/DocumentLibrary/plantguide/pdf/pg_viuns2.pdf>. Diakses 20 Agustus 2021.
- USDA. 2021. *Vigna unguiculata* (L.) Walp. Ssp. *sesquipedalis* (L.) Verdc yardlong bean. <<https://plants.usda.gov/home/plantProfile?symbol=VISE10>>. Diakses 20 Agustus 2021.
- Wibowo, F., Rosmayati, dan R.I.M. Damanik. 2016. Pendugaan pewarisan genetik karakter morfologi hasil persilangan F₂ tanaman kedelai (*Glycine max* (L.) Merr.) pada cekaman salinitas. *Jurnal Pertanian Tropik* 3(1): 70-81.
- Widiatmiko, G.W., A. Purwantoro, dan P. Basunanda. 2016. Analisis genetik F₂ persilangan cabai (*Capsicum annum* L.) ‘jalapeno’ dengan ‘tricolor variegata’. *Vegetalika* 5(2): 26-37.
- Zamir, D. and Y. Tadmor. 1986. Unequal Segregation of Nuclear Genes In Plants. University of Chicago Press, Chicago.