

DAFTAR PUSTAKA

- Adie, M. 1992. Interaksi Genotipe x Lingkungan pada seleksi Kedelai. Program Pasca Sarjana Institut Pertanian Bogor. *Tesis*.
- Adugna, A. 2010. Assessment of yield stability in sorghum. *Afr Crop Sci J* 15 (2): 83-92
- Aina O, Dixon A, Paul I dan Akinrinde E. 2009. GxE interaction effects on yield and yield components of cassava (landraces and improved) genotypes in the savanna regions of Nigeria. *Afr J Biotechnol* 8 (19): 4933-4945
- Almodares, A. and A. Sepahi. 1996. Comparison among sweet sorghum cultivars, lines, and hybrids for sugar production. *Annu. Plant Physiol.* 10: 50-55
- Alwala S, Kwolek T, McPherson M, Pellow J dan Mayer D. 2010. A comprehensive comparison between Eberhart and Russel joint regression and GGE biplot analysis to identify stable and high yielding maize hybrids. *Field Crops Res* 119: 225-230
- Anonim. 2015. Teknologi bertanam sorgum. <http://jai.staff.ipb.ac.id/tag/sorghum/>. Dikases 3 januari 2015
- Blasquez. MA. 2000. Flower developmental pathways. *J. Cell Sci.* 113: 35-47.
- Carpena, AL, Espino RRC, Rosario TL, and Laude RP. 1993. *Genetic at the Population Level*. University of the Philippines. Los Banos.
- Comstock, RE., and Moll RH. 1963. Genotype x environment interactions *In: Symposium of Statistical Genetics and Plant Breeding*. NASCRC Pub. 164-196.
- DeLacy I, Kaul S, Rana B, dan Cooper M. 2010. Genotypic variation for grain and stover yield of dryland (rabi) sorghum in India 2. A characterization of genotype x environment interactions. *Field Crops Res* 118 (3): 236-242
- DuPlessis, J. 2008. Sorghum Production. Department of Agriculture Republic of South Africa. 20p.
- Elangovan, G.M., P.K. Babu, N. Seetharama, and J.V. Patil. 2013. Genetic diversity and heritability characters associated in sweet sorghum [Sorghum bicolor(L.) Moench]. *Research Article, Sugar Tech.* p. 11.

- Fox, PN, Rossa J, and Romagosa I. 1997. Multi environmental testing and genotype x environment interaction *In*: Kempton, RA. and PN. Fox (eds). *Statistical Methods for Plant Variety Evaluation*. Chapman & Hall. London. 117 – 138.
- Gomez, KAdan Gomez AA. 1995. *Prosedur Statistik untuk Penelitian Pertanian* (Statistical Procedures for Agricultural Research, alih bahasa E. Sjamsuddin dan J. S. Baharsjah). Edisi ke-2. Universitas Indonesia Press. Jakarta.
- Haryono, SK. 1992. Stabilitas hasil beberapa nomor contoh terpilih kecipir. *Jurnal Hortikultura* 2 (1): 8 – 15.
- House, LR. 1985. A guide to sorghum breeding. Second edition. ICRISAT. India. 206p.
- Irianto G, H. Sosiawan dan S. Karama. 1998. Strategi pembangunan pertanian lahan kering untuk mengantisipasi persaingan global. Prosiding pertemuan pembahasan dan komunikasi hasil penelitian tanah dan agroklimat. 1-12.
- Karimizadeh R, Mohammadi M, Sabaghni N, Mahmoodi AA, Roustami B, Seyyedi F, Akbari F. 2013. GGE biplot analysis of yield stability in multi-environment trials of lentil genotypes under rainfed condition. *Not Sci Biol* 5 (2): 256-262
- Kelly J. 2003. Growth and development. http://varietytesting.tamu.edu/grainsorghum/otherpublications_/2003SorghumGrowthAndDevelopment.pdf. Diakses 23 Nopember 2014
- Krisnawati A. 2013. Analisis Uji Multilokasi Galur-galur Kedelai (*Glycine max* L.) Menggunakan Regresi dan Dekomposisi Nilai Tunggal. [Tesis]. Fakultas Pertanian. Universitas Gadjah Mada. Yogyakarta.
- Miller , J.E. 1989. Implications of genotype-environment interaction *dalam* A.J.Pascale (Ed.). *Proceeding on WorldSoybean Research Conference IV*. Buenos Aires.2303-2319.
- Mortazavian SMM, Nikkhah HR, Hassani FA, Sharif-al-Hosseini M, Taheri M dan Mahlooji M. 2014. GGE biplot and AMMI analysis of yield performance of Barley genotypes accross different environment in Iran. *J AgrSci Tech* 16: 609-622
- Murray, S.C., A. Sharma, W.L. Rooney, P. E. Klein, J. E. Mullet, S. E. Mitchell, and S. Kresovich. 2008. Genetic improvement of sorghum as a biofuel feedstock: I. QTL for Stem Sugar and Grain Nonstructural Carbohydrates. *Crop Sci.* 48:2165–2179

- Najafian G, Kaffashi A dan Jafar-Nezhad A. 2010. Analysis of grain yield stability in hexaploid wheat genotypes grown in temperate regions of Iran using additive main effects and multiplicative interaction. *J Agr Sci Tech* 12: 213-222
- Pabendon, M.B., S. Mas'ud, R.S. Sarungallo, dan Amin Nur. 2012. Penampilan fenotipik dan stabilitas sorgum manis untuk bahan baku bioetanol. *Jurnal Penelitian Pertanian Tanaman Pangan*, 31 (1): 60-69
- Prajitno, D. 1985. Analisa regresi dan korelasi. Liberty. Yogyakarta. 122 p
- Rao PS, Reddy PS, Rathore A, Reddy BVS, Panwar S. 2011. Application GGE biplot and AMMI model to evaluate sorghum (*Sorghum bicolor*) hybrids for genotype x environment interaction and seasonal adaptation. *Indian Journal of Agricultural Sciences* 81 (5): 438-444
- Rao, MSS, Mullinix BG, Rangappa M, Cebert E, Bhagsari AS, Sapra VT, Joshi JM, and Dadson RB. 2002. Genotype x environment interactions and yield stability of good grade soybean genotypes. *Agronomy Journal* 94: 72 - 80
- Rosmarkam, A dan Yuwono NW. 2002. *Ilmu Kesuburan Tanah*. Kanisius. Yogyakarta.
- Samonte SOPB, Wilson LT, McClung AM, Medley JC. 2005. Targeting cultivar onto rice growing environment using AMMI and SREG GGE biplot analysis. *Crop Sci* 45: 2414-2424
- Soemartono, Nasrullah, dan Hartiko H. 1992. *Genetika Kuantitatif dan Bioteknologi Tanaman*. PAU Bioteknologi UGM. Yogyakarta.
- Soil Survey Staff. 1999. Taxonomy a basic system of soil classification for making and interpreting soil survey. Second edition. *Agricultural Handbook 436*. National Resources Conservation Service. USDA. Washington DC. USA.
- Sucipto. 2010. Efektifitas cara pemupukan terhadap pertumbuhan dan hasil beberapa varietas sorgum manis (*Sorghum bicolor* L. Moench). *Embryo* 7(2): 67-74
- Sumantri, A. 1995. Prospek Agroindustri Berbasis Sorgum Manis di Madura. *Berita* 12: 1 – 5
- Sungkono, Trikoesoemaningtyas, Wirnas D, Sopandie D, Human S, Yudiarto MA. 2009. Pendugaan parameter genetik dan seleksi galur mutan Sorghum

(*Sorghum bicolor* (L.) Moench) di Tanah Masam. J Agron Indonesia 37
(3): 220-225

Takdir, AM., Iriany R, Annas M, Dahlan M, dan Kasim F. 1999. Stabilitas hasil beberapa genotipe jagung hibrida harapan pada 9 (sembilan) lokasi. *Zuriat X* (2): 55 – 61.

Tsuchihashi N dan Goto Y. 2004. Cultivation of sweet sorghum (*Sorghum bicolor* (L.) Moench) and determination of its harvest time to make use as the raw material for fermentation, practiced during rainy season in dry land of Indonesia. *Plant Prod Sci* 7 (4): 442-448.

Tsuchihashi N dan Goto Y. 2008. Year-round cultivation of sweet sorghum [*Sorghum bicolor* (L.) Moench] through a combination of seed and ratoon cropping in Indonesian savanna. *Plant Prod Sci* 11: 377-384.

Yan W. 2001. GGEbiplot- a windows application for graphical analysis of multienvironment trial data and other types of two – way data. *Agron.J.* 93: 1111-1118

Yan W dan Kang MS. 2003. GGE biplot analysis: A graphical tool for breeders, geneticists, and agronomists. CRC Press, Boca Raton, FL

Yan W, Kang MS, Ma B, Woods S, Cornelius PL. 2007. GGE biplot vs AMMI analysis of genotype-by-environment data. *Crop Sci* 47: 643-653

Yan W dan Tinker NA. 2005. An integrated biplot analysis system for displaying, interpreting, and exploring genotype x environment interaction. *Crop Sci* 45: 1004-1016

Yang RC, Crossa J, Cornelius PL, Burgueno J. 2009. Biplot analysis genotype x environment interaction: Proceed with caution. *Crop Sci* 49: 1564-1576.