

DAFTAR PUSTAKA

- Ahmed, S. 2009. Effect of salinity on the yield and yield component of mungbean. *Pakistan J. Bot.* 41(1): 263 – 268.
- Akhila, S., A.R. Bindu dan N.A. Alleykutti. 2009. Comparative evaluation of extract of citrus limon burn peel for antioxidant activity. *J Young Pharm.* Vol 1 No. 2 : 136 – 144.
- Alfandi., 2015. Kajian pertumbuhan dan hasil kacang hijau (*Phaseolus radiatus L.*) akibat pemberian pupuk P dan inokulasi cendawan mikoriza arbuskula (CMA). *Jurnal Agrijati* 28 (1): 158 – 171.
- Amorati, R., G. F. Pedulli, L. Cabrini, L. Zambonin, and L. Landi. 2006. *Journal of Agricultural and Food Chemistry* 54(8): 2932-2937. DOI: 10.1021/jf053159+.
- Anagnostopoulou, M.A., P. Kefalas, V.P. Papageorgiou, A.N. Assimopoulou dan D. Boskou. 2006. Radical Scavenging Activity of Various Extracts and Fractions of Sweet Orange Peel (*Citrus sinensis*). *Food Chemistry*, Vol. 94 (1): 19 – 25.
- Ansari, O., F.S. Zadeh. 2012b. Osmo and Hydropriming Improved Germination Characteristic and Enzyme Activity of Mountain Rye (*Secale mountanum*) Seeds under Drought Stress. *J. Stress Physiol. Biochem.* 8: 253 – 261.
- Arief, R. dan F. Koes. 2010. Invigorasi benih. Prosiding Pekan Serealia Nasional. ISBN: 978-979-8940-29- 3. Balai Penelitian Jagung dan Serealia. Maros, Sulawesi Selatan. hlm. 473-477. Retreived January 23, 2021. From <http://balitsereal.litbang.deptan.go.id>.
- Arief, R., F. Koes, dan O. Komalasari. 2012. Effect of priming on seed vigor of wheat (*Triticum aestivum L.*). *Agrivita Journal of Agricultural Science* 34(1): 50 – 55.
- Ashraf, M., 2009. Biotechnological approach of improving plant salt tolerance using antioxidants as markers. *Biotechnol. Adv.* 27: 84-93.
- Atman. 2007. Teknologi Budidaya Kacang Hijau (*Vigna radiata L.*) di Lahan Sawah. *Jurnal Ilmiah Tambua*, 6(1): 89 – 95.
- Boiran. M dan A. Mukhtar. 2006. Desalinasi tanah dalam rehbilitasi lahan yang terkontaminasi air dan lumpur laut akibat tsunami. *Agrista*. 10 (3): 107–114.

- Dajic, Z. 2006. Salt Stres. In: KVM. Rao, AS. Raghavendra dan K. J. Reddy (Eds .). *Physiological and Molecular Biology of Stress Tolerance in Plants*. Springer, Netherland, p: 41 – 99.
- Denaxa N-K, Damvakaris T, Roussos PA. 2020. Antioxidant defense system in young olive plants against drought stress and mitigation of adverse effects through external application of alleviating products. *Sci Hortic* (Amsterdam). 259:1–11. doi:10.1016/j.scientia.2019.108812.
- Dirga. 2019. Analisis Protein pada Tepung Kecambah Kacang Hijau (*Phaseolus aureus* L.) yang Dikecambahkan Menggunakan Air, Air Cucian Beras dan Air Kelapa. *Journal of Science and Application Technology*, 2(1) : 27 – 33. <https://doi.org/10.35472/281412>.
- Dogar, U.F., N. Naila, A. Maira, A. Iqra, I. Maryam, H. Khalid, N. Khalid, H.S. Ejaz, and H.B. Khizar. 2012. Noxious effects of NaCl salinity on plants. *Botany Res. Inter.* 5(1): 20 – 23.
- Elahi, N.N., S. Mustafa and J.I. Mirza. 2004. Growth and nodulationof mungbean (*Vigna radiata* (L.) Wilczek) as affected by sodium chloride. *J. Res. Sci. Bahauddin Zakaria Univ. Multan,Pakistan.* 15(2): 139 – 143.
- El Gengaihi, S., Ella, F., Emad, M., Shalaby, E., & Doha, H. 2014. Food processing & technology antioxidant activity of phenolic compounds from different grape wastes. *Journal of Food Processing & Technology*, 5(2), 1-5. doi: 10.4172/2157-7110. 1000296.
- Fageria, N.K. 2009. The Use of Nutrients in Crop Plants. CEC Press, New York. 430 pp.
- Farooq, M., S.M.A. Basra, A. Wahid. 2006. Priming of field-sown rice enhances germination, seedling establishment, allometry and yield. *Plant Growth Regul.* 49: 285 – 294.
- Fejzsic A & Cavar. 2014. Phenolic Compounds and Antioxidant Activity of Some Citruses. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina* 2014, 42: 1 – 4.
- Francois, L.E., 1996. Salinity effect on four sunflower hybrids. *Agron. J.* 88, 215 – 219.
- Gomez, K.A dan A.A Gomez. 2015. Prosedur Statistika untuk Penelitian Pertanian. (terjemahan: E. Sjamsuddin dan J.S. Baharsjah). Penerbit Universitas Indonesia (UI-Press), Jakarta.
- Goristein, S., O.M. Beloso dan C. Milan. 2001. Comparison of biochemical

- characteristic of different citrus fruit. *Food Chemistry.* 74 : 309-315.
- Hadianto, W., M. Jalil, T. Sarwanidas dan Zulkifli. 2015. Respon beberapa varietas terhadap pertumbuhan dan produksi tanaman kacang tanah (*Arachis hypogaea L.*) pada lahan gambut. *Jurnal Agrotek Lestari* Vol. 1 No. 1
- Hamayun, M., Khan, SA., Khan, AL., Shinwari, ZK., Hussain, J., Sohn, E, Kang, SM, Kim, YH, Khan, MA, & Lee, IJ, 2010, Effect of salt stress on growth attributes and endogenous growth hormones of soybean cultivar Hwang-keumkong, *Pakistan J. Bot.* Vol 42, no 5, hal : 3103 – 3112
- Hardjowigeno, S. 2003. Ilmu Tanah. Akademika Pressindo. Jakarta.
- Hartati, A & Mulyani, S. (2009). Pengaruh Preparasi Bahan Baku Rosella dan Waktu Pemasakan Terhadap Aktivitas Antioksidan Sirup Bunga Rosella (*Hisbiscus sabdariffa L.*). *AGROTEKNO.* 15(1).
- Hartsock, N. J., T. G. Mueller, G. W. Thomas, R. I. Barnhisel, K. L. Wells, and S. A. Shearer. 2000. Soil electrical conductivity variability. In P.C. Robert et al. (eds.) Proc. 5th inter. conference on precision Agriculture. ASA Misc. Publ., ASA, CSSA and SSSA, Madison, WI.
- Ilyas, S. 2006. Review: Seed treatments using matricconditioning to improve vegetable seed quality. *Bul. Agron.* 34: 124 – 132.
- Kementan., 2018. Produksi Kacang Hijau Menurut Provinsi Tahun 2014–2018. Retreived October 6, 2021. from <http://www.pertanian.go.id/home/?show=page&act=view&id=61>.
- Khan, A.A. 1992. Preplant physiological seed conditioning. In J. Janick, (ed.). *Horticulture Review. Willey and Sons Inc.* p: 131-181.
- Khairani. 2008. Pedoman Pencegahan Penyakit Darah Pisang. Balai Pengkajian Teknologi Pertanian Sulawesi Tengah. Nomor 02/ F/AM-CK/ 2008.
- Krisnawan, A.H., Budiono, R., Sari, D. R, & Salim, W. 2017. Potensi Antioksidan Ekstrak Kulit dan Perasan Daging Buah Lemon (*Citrus lemon*) Lokal dan Impor. *Jurnal Prosiding Seminar Nasional*, I(1): 30 – 34. Fakultas Pertanian UMJ.
- Kristiono, Purwaningrahayu dan Taufiq. 2013. Respon Tanaman Kedelai, Kacang Tanah dan Kacang Hijau Terhadap Cekaman Salinitas. *Buletin Palawija* 26: 45 – 60.
- Kristiono A, Purwaningrahayu RD, Taufiq A. 2018. Respons tanaman kedelai, kacang tanah, dan kacang hijau terhadap cekaman salinitas. *Bul Palawija.* 20:45–60.

- Kurniawati, A. 2018. Screening Fitokimia, Aktivitas Antioksidan dan Mikroba pada Buah Jeruk Lemon (*Citrus limon*) dan Jeruk nipis (*Citrus aurantiifolia*). In *Jurnal Ilmiah Ibnu Sina* (Vol. 3, Issue 1). <https://doi.org/10.36387/JIIS.V3I1.126>
- Koyro, H.W. 2006. Effect of salinity on growth, photosynthesis, water relations and solute composition of the potential cash crop halophyte *Plantago coronopus* L. *Environmental and Experimental Botany*. 56: 136 – 146.
- Lilaharta, I. N. 2005. Studi Pemanfaatan Kulit Jeruk Lemon (*Citrus medica* var lemon) menjadi Selai. Skripsi. Tidak Dipublikasikan. Institut Pertanian Bogor, Bogor.
- Lee, S., S. G. Kim and C. M. Park. 2010. Salicylic acid promotes seed germination under high salinity by modulating antioxidant activity in *Arabidopsis*. *New Phytologist*. 188: 626 – 637.
- Marwoto. 2006. Status hama pengisap polong kedelai *Riptortus linearis* dan cara pengendaliannya. *Buletin palawija*. [Online] (12), 69 – 74. Available from: <http://ejournal.litbang.pertanian.go.id/index.php/bulpa/article/view/8560>.
- Marzuki dan Soeprapto HS. 2001. Bertanam Kacang Hijau. Penebar Swadaya. Jakarta.
- Mazher, A.A., E.F. El-Quesni, M.M. Farahat. 2007. Responses of ornamental and woody trees to salinity. *World J. Agric. Sci.* 3: 386 – 395.
- McWilliams, D. 2003. Soil salinity and sodicity limits efficient growth and water use. New mexico state university through USDA Cooperative state research. Electronic distribution. Diakses dari www.cahe.nmsu.edu/pubs/_a/A-140.pdf
- Mehmood B, Dar KK, Ali S, Awan UA, Nayyer AQ, Ghous T, Andleeb S. 2015. Short Communication: In vitro assessment of antioxidant, antibacterial and phytochemical analysis of peel of *Citrus sinensis*. *Pak J Pharm Sci* 28: 231 – 239.
- Meloni, D. A., Oliva, M. A., Martinez, C. A. 2003. Photosynthesis and activity of MMasuperoxide dismutase, peroxidase, and glutathione reductase in cotton under salt stress. *Environ. Exp. Bot.* 49: 69 – 76.
- Micale, G., A. Cipollina, and L. Rizzuti. 2009. Seawater desalination for freshwater production. P 1-16. In A. Cipollina, G. Micale, and L. Rizzuti (eds). *Seawater Desalination*. Springer-Verlag, Berlin. 310 pp.
- Miryanti Ary, Sapei Lanny, Budiono Kurniawan, Indra Stephen. 2011. Ekstraksi Antioksidan Dari Kulit Buah Manggis (*Garcinia mangostana* L.). Universitas

- Katolik Parahyangan, Bandung.
- Munns R, and M.Tester. 2008. Mechanisms of salinity tolerance. *Ann. Rev. of Plant Biol.* 59:651–681.
- Munns, R., R. A. James and A. Lauchili. 2006. Approaches to increasing the salt tolerance of wheat and other cereals. *J. Exp. Bot.*, 57:1025.
- Mustakim, M. 2013. Budidaya Kacang Hijau. Bantul: Pustaka Baru Press.
- Molyneux P. 2004. The use of the Stable Free Radical DPPH for Estimating Antioxidant Activity. *Songklanakarin J. Sci. Technol* 26 (2): 211-219.
- Moons, A., G. Bauw, E. Prinsen, M. van Montagu, and D. van Des Straeten. 1995. Molecular and physiological response to abscisic acid and salt in roots of salt-sensitive and salt-tolerance Indica Rice varieties. *Plant Physiol.* 107: 177 – 186.
- Nasir, J. 2006. Relationship between soil apparent electrical conductivity and selected soil properties and oil palm yield. Thesis Master Science. University Putra Malaysia. 102 pp.
- Nemati, I., F. Moradi, S. Gholizadeh, M.A. Esmaeili, M.R. Bihamta. 2011. The effect of salinity stress on ions and soluble sugars distribution in leaves, leaf sheaths and roots of rice (*Oryza sativa L.*) seedlings. *Plant Soil Environ.* 57: 26 – 33.
- Novizan. 2005. Petunjuk Pemupukan Yang Efektif. Agromedia Pustaka. Jakarta
- Purwono dan Hartono R. 2005. Kacang Hijau. Penebar Swadaya. Depok.
- Purwono dan Purnawati. 2007. Budidaya 8 Jenis Tanaman Panggan Unggul. Jakarta: Penebar Swadaya (halaman 3).
- Rachman, A., I.G.M. Subiska, D. Erfandi, and P. Slavich. 2008. Dynamics of tsunami-affected soil properties. P 51-64. In F. Agus and G. Tinning (eds). Proc. Of Inter. Workshop on Post Tsunami Soil Management. 180 pp.
- Rohman, Abdul, *et al.* (2009). Penangkapan Radikal bebas 2,2-Difenil-1-Pikril Hidrazil olah Ekstrak Buah *Psidium guajava L.*, dan *Averrhoa carambola L.*. Jurnal Kefarmasian Indonesia.7. (1) 1-5.
- Rezaeizadeh A., Zuki ABZ., M. Abdollahi, Goh YM., Noordin MM., Hamid M., Azmi TI. 2011. determination of antioxidant activity in methanolic and

- chloroformic extract of *Momordica charantia*. African Journal of Biotechnology. 10(24).
- Rukmana, R. 2006. Kacang hijau, budidaya dan pasca panen. Jakarta: Kanisus.
- Sayuti, K dan R. Yenrina. 2015. Antioksidan Alami dan Sintetik. Andalas University Press. Padang.
- Sediyama, C.A.Z., M.S. Reis, C.S. Sediyama, M.A. Dias, T. Sediyama, D.C. Fernandes and S. Dias. 2012. Physiological quality of soybean seed cultivars by osmoconditioning. Comunicata Sie. 3(2): 90 – 97.
- Setyo Rini IK, D., & Surtiningsih, dan T. 2005. Respon Perkecambahan Benih Sorgum (*Sorghum bicolor* (L.) Moench) terhadap Perlakuan Osmoconditioning dalam Mengatasi Cekaman Salinitas. In *Berita Biologi* (Vol. 7, Issue 6). <http://e-journal.biologi.lipi.go.id/index.php/berita-biologi/article/view/865>.
- Shannon, M.C., J.D. Rhoades, J.H. Draper, S.C. Scardaci & M.D. Spyres, 1998. Assessment of salt tolerance in rice cultivars in response to salinity problems in California. *Crop Sci* 38: 394 – 398.
- Sipayung, R. 2003. Stres Garam Dan Mekanisme Toleransi Tanaman. Fakultas Pertanian Jurusan Budidaya Pertanian Universitas Sumatera Utara, Medan. Digitized by usu digital library.
- Slinger, D and K. Tenison., 2005. Salinity Glove Box Guide – NSW Murray and Murrumbidgee Catchments. An initiative of the Southern Salt Action Team, NSW Department of Primary Industries.
- Sposito, G. 2008. The Chemistry of Soil. Oxford University Press, New York. 321 pp.
- Sucahyono, D., 2013. Invigoration Benih Kedelai. Buletin Palawija, (25), pp. 18 – 25.
- Suja, D., G. Bupesh, N. Rajendiran, V. Mohan, P. Ramasamy, N.S. Muthiah, A.A. Elizabeth, K. Meenakumari dan K. Prabu. 2017. Phytochemical Screening, Antioxidant, Antibacterial Activities of *Citrus limon* and *Citrus linensis* Peel Extracts. *International Journal of Pharmacognosy and Chinese Medicine*, Vol. 1 (2): 000108.
- Suryaman, M., A. Saepudin, D. Natawijaya dan D. Zuman. 2017. Pengaruh Invigoration terhadap Vigor Benih Kedelai pada Beberapa Tingkat Salinitas. *Prosiding Seminar Nasional Pertanian*. UNS.

- Suryaman, M., Hikmat, M., Hodiyah, I., & Karnasih, A. 2019. Efek Cekaman Salinitas terhadap Perkecambahan, Pertumbuhan, dan Hasil Kedelai yang Diberi Antioksidan dari Kulit Manggis dan Vitamin C. *Seminar Nasional Agroteknologi*, 185 – 194.
- Susilowati, A., Aspiyanto, Hakiki Melanie dan Yati Maryati. 2007. Effect of pressure a.d concentration time on quality of vegetable broth concentrate from Mungbeans (*P. radiatus L*) as probiotic savory using ultrafiltration membrane. Preceding 10th ASEAN Food Conference 2007 . Kuala Lumpur. Malaysia.
- Sutariati, K.G. 2002. Peningkatan Performansi Benih Cabai (*Capsicum annuum l.*) Dengan Perlakuan Invigorasi Benih. Makalah Pengantar Falsafah Sains (PPS702) Program Pasca Sarjana/S3 Institut Pertanian Bogor.
- Sutariati, G.A.K., Zul'aiza, S. Darsan, M.A. Kasra, S. Wangadi, L. Mudi. 2014. Invigorasi benih padi gogo lokal untuk meningkatkan vigor dan mengatasi permasalahan dormansi fisiologis pascapanen. *Jurnal Agroteknos* 4 (1): 10 – 17.
- Taufiq A, Kristiono A, Harnowo D. 2015. Respon Varietas Unggul Kacang Tanah terhadap Cekaman Salinitas. *Penelitian Pertanian Tanaman Pangan* 34(2): 153 – 164.
- Taufiq A, Purwaningrahayu RD. 2013. Tanggap Varietas Kacang Hijau terhadap Cekaman Salinitas. *Penelitian Pertanian Tanaman Pangan*. 32(3): 159 – 170.
- Tuteja N. 2007. Mechanisms of high salinity tolerance in plants. *Methods Enzymol.* 2007;428:419-38. doi: 10.1016/S0076-6879(07)28024-3. PMID: 17875432.
- Wahyono Dwi, N dan Rahayu S. 2014. Aplikasi pupuk biourine pada beberapa varietas kacang hijau (*Vigna radiata L.*) terhadap produksi kacang hijau. *Jurnal INOVASI*. 14 (1): 110 – 116.
- Winarno, F.G. 2003. Kimia Pangan dan Gizi. PT.Gramedia Pustaka. Jakarta.
- Yullianida, Murniati., E. 2005. Pengaruh antioksidan sebagai perlakuan invigorasi benih sebelum simpan terhadap daya simpan benih bunga matahari (*Helianthus annuus L.*). *Hayati*. 12(4): 145 – 150.