

DAFTAR PUSTAKA

- Ali, Y., Z. Aslam, M.Y. Ashraf, & G.R. Tahir. (2004). Effect of salinity on chlorophyll concentration, leaf area, yield and yield components of rice genotypes grown under saline environment. *International Journal of Environmental Science & Technology*, 1(3): 221-225.
- Babar, S., E.H. Siddiqi, I. Hussain, K.H. Bhatti, & R. Rasheed. (2014). Mitigating the effects of salinity by foliar application of salicylic acid in fenugreek. *Hindawi Publishing Corporation Physiology Journal*, 1-6.
- Barbour, M.G., J.H. Burk, & W.D. Pitts. (1987). *Terrestrial plant ecology*. 2nd Edition. The Benjamin/Cummings Publishing Company, Inc. Menlo Park. p. 112, 476.
- Bergmann W., (1992). In: Fisher, G. (Ed.). *Nutritional Disorders of Plants Development, Visual and Analytical Diagnosis*. Jena, Stuttgart, Germany.
- Blumwald, E., G.S. Aharon, & M.P. Apse. (2000). Sodium transport in plant cells. *Biochimica et Biophysica Acta*, 1465: 140-151.
- Campbell, N.A., J.B. Reece, L.A. Urry, M.L. Cain, S.A. Wasserman, P.V. Minorsky, & R.B. Jackson. (2008). *Biology*. 8th Edition. Pearson Benjamin Cummings. San Fransisco. p. 789-791.
- Chen, W., L.Z. He, X.E. Yang, S. Mishra, & P.J. Stoffella. (2010). Chlorine nutrition of higher plants: progress and perspectives. *Journal of Plant Nutrition*, 33: 943-952.
- Chinnusamy, V., A. Jagendorf, & J-K. Zhu. (2005). Understanding and improving salt tolerance in plants. *Crop Sci.*, 45: 437-448.
- Cronquist, A. (1981). *An integrated system of classification of flowering plants*. Columbia University Press. New York.
- Daubenmire, R.F. (1974). *Plant and environment: a textbook of plant autoecology*. 3rd Edition. John Wiley & Sons, Inc. New York. p. 52-53.
- Direktorat Jenderal Hortikultura. (2015). *Statistik produksi hortikultura tahun 2014*. Kementerian Pertanian. p. 73.
- Djukri. (2009). *Cekaman salinitas terhadap pertumbuhan tanaman*. Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA. Fakultas MIPA. Universitas Negeri Yogyakarta.
- Fageria, N.K., V.C. Baligar, & C.A. Jones. (1997). *Growth and mineral nutrition of field crops*. 2nd Edition, revised and expanded. Marcel Dekker, Inc. New York. p. 3-4, 345-383.

- Fayez, K.A. & S.A. Bazaid. (2014). Improving drought and salinity tolerance in barley by application of salicylic acid and potassium nitrate. *Journal of the Saudi Society of Agricultural Sciences*, 13: 45-55.
- Fitter, A.H. & R.K.M. Hay. (1991). *Fisiologi lingkungan tanaman*. Andani, S. & Purbayanti (Trans.). Gadjah Mada University Press. Yogyakarta. p. 240-242.
- Flowers, T.S. & A. R. Yeo. (1989). Effects of salinity on plant growth and crop yields. *Environmental Stress in Plants NATO ASI Series*, 19: 101-119.
- Flowers, T.J., and A.R. Yeo. (1995). Breeding for salinity resistance in crop plants. Where next? *Aust. J. Plant Physiol.* 22: 875-884.
- Greenway, H. & R. Munns. (1980). Mechanisms of salt tolerance in non-halophytes. *Annual Review of Plant Physiology*, 31: 149-190.
- Grubben, G.J.H. (2004). *Amaranthus tricolor* L. In: Grubben, G.J.H. & O.A. Denton (Eds.). *Plant Resources of Tropical Africa 2. Vegetables*. PROTA Foundation. Backhuys Publishers. Wageningen, Netherlands. p. 84-88.
- Harborne, J.B. (1987). *Metode fitokimia: penuntun cara modern menganalisis tumbuhan*. Terbitan Kedua. Padmawinata, K. & I. Soediro (Trans.). Penerbit ITB. Bandung. p. 259-262.
- Hayat, S., B. Ali, & A. Ahmad. (2007). Salicylic acid: biosynthesis, metabolism and biological role in plants. In: Hayat, S. & A. Ahmad. (Eds.). *Salicylic acid: a plant hormone*. Springer. p. 1-2.
- Heldt, H. & B. Piechulla. (2011). *Plant biochemistry*. 4th Edition. Elsevier, Inc. Amsterdam. p. 435.
- Horvath, E., G. Szalai, & T. Janda. (2007). Induction of abiotic stress tolerance by salicylic acid signaling. *Journal of Plant Growth Regulation*, 26(3): 290-300.
- Hussain, K., K. Nawaz, A. Majeed, U. Ilyas, F. Lin, K. Ali, & M.F. Nisar. (2011). Role of exogenous Salicylic acid applications for salt tolerance in violet. *Sarhad J. Agric.*, 27(2): 171-175.
- Jamil, M., D.B. Lee, K.Y. Jung, M. Ashraf, S.C. Lee, & E.S. Rha. (2006). Effect of salt (NaCl) stress on germination and early seedling growth of four vegetable species. *Journal of Central European Agriculture*, 7(2): 273-282.
- Jamil, M., S. Rehman, & E.S. Rha. (2007). Salinity effect on plant growth, ps11 photochemistry and chlorophyll content in sugar beet (*Beta vulgaris* L.) and cabbage (*Brassica oleracea capitata* L.). *Pak. J. Bot.*, 39(3): 753-760.

- Janda, T. E. Horvath, G. Szalai, & E. Paldi. (2007). Role of salicylic acid in the induction of abiotic stress tolerance. In: Hayat, S. & A. Ahmad. (Eds.). *Salicylic acid: a plant hormone*. Springer. p. 91-92.
- Javaheri, M., K. Mashayekhi, A. Dadkhah, & F.Z. Tavallaee. (2012). Effects of salicylic acid on yield and quality characters of tomato fruit (*Lycopersicum esculentum* Mill.). *Intl J Agri Crop Sci*. Vol., 4 (16): 1184-1187.
- Karlidag, H. E. Yildirim, & M. Turan. (2009). Salicylic acid ameliorates the adverse effect of salt stress on strawberry. *Sci. Agric. (Piracicaba, Braz.)*, 66(2): 180-187.
- Khairy, A.I.H. & K.S. Roh. (2016). Effect of salicylic acid, benzoic acid, and p-coumaric acid on growth, chlorophyll, proline, and vitamin C of salinity-stressed tobacco (*Nicotiana tabacum*). *International Journal of Plant & Soil Science*, 9(4): 1-10.
- Krasavina, M.S. (2007). Effect of salicylic acid on solute transport in plants. In: Hayat, S. & A. Ahmad. (Eds.). *Salicylic acid: a plant hormone*. Springer. p. 25-26.
- Larcher, W. (1995). *Physiological plant ecology*. 3rd Edition. Springer. Berlin. p. 396-409.
- Leyser, H.M.O. (1998). Plant hormones. *Current Biology*, 8(1): pR5–R7.
- Levitt, J. (1972). *Responses of plant to environmental stresses*. Academic Press. New York. p. 489-524.
- Li, T.X., C.Q. Wang, G.R. Ma, X.Z. Zhang, & R.S. Zhang. (2002). Research progress of chloride-containign fertilizer. *Southwest China Journal of Agricultural Sciences*, 15: 86–91.
- Maathuis, F.J.M. (2013). Sodium in plants: perception, signalling, and regulation of sodium fluxes. *Journal of Experimental Botany*, doi:10.1093/jxb/ert326.
- Makus, D.J. (2003). Salinity and nitrogen level affect agronomic performance, leaf color and leaf mineral nutrients of vegetable amaranth. *Subtropical Plant Science*, 55: 1-6.
- Mazher, A.M.A., E.M.F. El-Quesni, & M.M. Farahat, M.M. (2007). Responses of ornamental and woody trees to salinity. *World Journal of Agricultural Sciences*, 3(3): 386-395.
- Misra, A., A.n. Sahu, M. Misra, P. Singh, I. Meera, N. Das, M. Kar, & P. Sahu. (1997). Sodium chloride induced changes in leaf growth, and pigment and protein contents in two rice cultivars. *Biol. Plantarum*, 39(2): 257-262.
- Munns, R. (2002). Comparative physiology of salt and water stress. *Plant, Cell and Environment*, 25(2): 239-250.

- Murata, S., M. Kobayashi, T. Matoh, & J. Sekiya. (1992). Sodium stimulates regeneration of phosphoenolpyruvate in mesophyll chloroplasts of *A. tricolor*. *Plant Cell Physiol*, 33: 1247-1250.
- Najafian, S., M. Khoshkhui, V. Tavallali, & M.J. Saharkhiz. (2009). Effect of salicylic acid and salinity in thyme (*Thymus vulgaris* L.): investigation on changes in gas exchange, water relations, and membrane stabilization and biomass accumulation. *Australian Journal of Basic and Applied Sciences*, 3(3): 2620-2626.
- Netondo, G.W., J.C. Onyango, & E. Beck. (2004). Crop physiology and metabolism Sorghum and salinity II – gas exchange and chlorophyll fluorescence of sorghum under salt stress. *Crop Sci.*, 44(3): 806-811.
- Omami, E.N. (2005). *Response of amaranth to salinity stress*. Dissertation. Department of Plant Production and Soil Science, Faculty of Natural and Agricultural Sciences, University of Pretoria. p. 188.
- Pancheva, T.V., L.P. Popova, & A.N. Uzunova. (1996). Effects of salicylic acid on growth and photosynthesis in barley plants. *Journal of Plant Physiology*, 149: 57-63.
- Parida, A.K. & A.B. Das. (2005). Salt tolerance and salinity effects on plants: a review. *Ecotoxicology and Environmental Safety*, 60(3): 324–349.
- Qados, A.M.S.A. (2011). Effect of salt stress on plant growth and metabolism of bean plant *Vicia faba* (L.). *Journal of the Saudi Society of Agricultural Sciences*, 10: 7-15.
- Qin, L., S. Guo, W. Ai, Y. Tang, Q. Cheng, & G. Chen. (2013). Effect of salt stress on growth and physiology in amaranth and lettuce: Implications for bioregenerative life support system. *Advances in Space Research*, 51(3): 476-482.
- Ratnakar, A. & A. Rai. (2013). Effect of NaCl salinity on β -carotene, thiamine, riboflavin and ascorbic acid contents in the leaves of *Amaranthus polygamus* L. var. Pusa Kirti. *Oct. Jour. Env. Res.*, 1(3): 211-216.
- Safaryani, N., S. Haryanti, & E.D. Hastuti. (2007). Pengaruh suhu dan lama penyimpanan terhadap penurunan kadar vitamin C brokoli (*Brassica oleracea* L). *Buletin Anatomi dan Fisiologi*, 15(2): 39-46.
- Salisbury, F.B. & C.W. Ross. (1995). *Fisiologi tumbuhan*. Edisi keempat. Jilid tiga. Lukman, D.R. & Sumaryono (Trans). Terbit asli *Plant physiology* (1992). Penerbit ITB. Bandung. p. 2, 14-15, 86.
- Shakirova, F.M. (2007). Role of hormonal system in the manifestation of growth promoting and antistress action of salicylic acid. In Hayat, S. & A. Ahmad. (Eds.). *Salicylic acid: a plant hormone*. Springer. p. 69-70.
- Sipayung, R. (2003). *Stres garam dan mekanisme toleransi tanaman*. <http://library.usu.ac.id/download/fp/bdp-rosita2.pdf>. Accessed 02/11/2015.

- Stevens, J., T. Senaratna, & K. Sivasithamparam. (2006). Salicylic acid induces salinity tolerance in tomato (*Lycopersicon esculentum* cv. Roma): associated changes in gas exchange, water relations and membrane stabilisation. *Plant Growth Regul*, 49: 77-83.
- Subbarao, G.V., O. Ito, W.L. Berry, & R.M. Wheeler. (2003). Sodium—a functional plant nutrient. *Critical Reviews in Plant Sciences*, 22(5): 391-416.
- Sudhir, P. & S.D.S. Murthy. (2004). Effects of salt stress on basic processes of photosynthesis. *Photosynthetica*, 42(2): 481-486.
- Taiz, L. & E. Zeiger. (2002). *Plant physiology*. 3rd Edition. Sinauer Associates. Sunderland. p. 74-75.
- Treshow, M. (1970). *Environment and plant response*. McGraw-Hill, Inc. New York. p. 226-230.
- Vicente, M.R-S., & J. Plasencia. (2011). Salicylic acid beyond defence: its role in plant growth and development. *Journal of Experimental Botany*, 1-18.