

## บรรณานุกรม

### ภาษาไทย

กรมการข้าว. 2554. องค์ความรู้เรื่องข้าว กระทรวงเกษตรและสหกรณ์ <http://www.brrd.in.th/rkb/> วีรบุรพ์ สีหานุ และจิรวัฒน์ สนิทชน. 2554. การประเมินผลผลิตเขื้อพันธุกรรมข้าวไร่ที่ทดสอบในจังหวัดชลบุรี. วารสารวิทย์. กษ. 42(2) (พิเศษ): 137-140.

มูลนิธิข้าวไทย. 2554. กว่าข้าวจะเรียงเม็ด. มูลนิธิข้าวไทยในพระบรมราชูปถัมภ์. กรุงเทพฯ. 128 หน้า.

### ภาษาอังกฤษ

- Aharon, G.S., Apse, M.P., Duan, S., Hua, X., Zhang, H.-X., Blumwald, E. 2003. Characterization of a family of vacuolar  $\text{Na}^+/\text{H}^+$  antiporters in *Arabidopsis thaliana*. *Plant Soil.* 253: 245-256.
- Aleman, F., Nieves-Cordones, M., Martinez, V. and Rubio, F. 2009. Potassium/sodium steady-state homeostasis in *Thellungiella halophila* and *Arabidopsis thaliana* under long-term salinity conditions. *Plant Sci.* 176: 768-774.
- Ashraf, M. 2009. Biotechnological approach of improving plant salt stress tolerance using antioxidants as markers. *Biotechnol Adv.* 27: 84-93.
- Ashraf, M. and Harris, P.J.C. 2004. Potential biochemical indicators of salinity tolerance in plants. *Plant Sci.* 166: 3-16.
- Cairns, J.E., Audebert, A., Mullins, C.E., and Price, A.H. 2009. Mapping quantitative trait loci associated with root growth in upland rice (*Oryza sativa* L.) exposed to soil water-deficit in fields with contrasting soil properties. *Field Crops Res.* 114: 108-118.
- Cha-Um, S., Supaibulwattana K. and Kirdmanee C. 2009. Comparative effects of salt stress and extreme pH stress combined on glycinebetaine accumulation, photosynthetic abilities and growth characters of two rice genotypes. *Rice Sci.* 16: 274-282.
- Clermont-Dauphin, C., Suwannang, N., Grunberger, O., Hammecker, C., and Maeght, J.L. 2010. Yield of rice under water and soil salinity risks in farmers' fields in northeast Thailand. *Field Crops Res.* 118: 289-296.
- Demiral, T. and Turkan, I. 2005. Comparative lipid peroxidation, antioxidant defense systems and proline content in roots of two rice cultivars differing in salt tolerance. *Environ Exp Bot.* 53: 247-257.
- Dionisiosese, M.L. and Tobita, S. 1998. Antioxidant response of rice seedlings to salinity stress. *Plant Sci.* 135: 1-9.
- Gadallah, M.A.A. 1999. Effects of proline and glycinebetaine on *Vicia faba* responses to salt stress. *Biol. Plant.* 42: 249-257.
- Gowda, V.R.P., Henry, A., Yamauchic, A., Shashidhar, H.E., and Serraj, R. 2011. Root biology and genetic improvement for drought avoidance in rice. *Field Crops Res.* 122: 1-13.
- Gregorio, G.B., Dharmawansa, S. and Mendoza , RD. 1997. Screening rice for salinity

- tolerance.** IRRI. Discussion Paper Series No. 22. International Rice Research Institute, Manila , the Philippines. pp. 1-30.
- Gregorio, G.B., Senadhira, D., Mendoza, R.D., Manigbas, N.L., Roxas, J.P. and Guerta, C.Q. 2002. Progress in breeding for salinity tolerance and associated abiotic stresses in rice. **Field Crops Res.** 76: 91-101.
- Kamoshita, A., Babu, C.R., Boopathi, M.N., and Fukai, S. 2008. Phenotypic and genotypic analysis of drought-resistance traits for developmentof rice cultivars adapted to rainfed environments. **Field Crops Res.** 109: 1-23.
- Maggio, A., Miyazaki, S., Veronese, P., Fujita, T., Ibeas, J.I., Damz, B., Narasimhan, M.L., Hasegawa, P.M., Joly, R.J., and Bressan, R.A. 2002. Does proline accumulation play an active role in stress induced growth reduction. **Plant J.** 31:699-712.
- Ndayiragije, A. and Lutts, S. 2006. Do exogenous polyamines have an impact on the response of a salt-sensitive rice cultivar to NaCl? **J. Plant Physiol.** 163: 506-516.
- Ohta, M., Hayashi, Y., Nakashima, A., Hamada, A., Tanaka, A., Nakamura, T., and Hayakawa, T. 2002. Introduction of a  $\text{Na}^+/\text{K}^+$  antiporter gene from *Atriplex gmelina* confers salt tolerance to rice. **FEBS Letters.** 532: 279-282.
- Saito, K., Azoma, K., and Rodenburg, J. 2010. Plant characteristics associated with weed competitiveness of rice under upland and lowland conditions in West Africa. **Field Crops Res.** 116: 308-317.
- Saito, K., Linquist, B., Atlin, G.N., Phanthaboon, K., Shiraiwa, T., and Horie, T. 2006. Response of traditional and improved upland rice cultivars to N and P fertilizer in northern Laos. **Field Crops Res.** 96: 216-223.
- Sawada, H., Shim, I.-S., Usui, K., Kobayashi, K. and Fujiuhara, S. 2008. Adaptive mechanism of *Echinochloa crus-galli* Beauv. var. *formsensis* Ohwi under salt stress: Effect of salicylic acid on salt sensitivity. **Plant Sci.** 174: 583-589.
- Turkan, I. and Demiral, T. 2009. Recent developments in understanding salinity tolerance. **Environ Exp Bot.** doi:10.1016/j.envexpbot.2009.05.008.
- Zeng, L., Lesch, S.M. and Grieve, C.M. 2003. Rice growth and yield respond to changes in water depth and salinity stress. **Agric. Water Manage.** 59: 67-75.
- Zeng, L., Shannon, M.C. and Lesch, S.M. 2001. Timing of salinity stress affects rice growth and yield components. **Agric. Water Manage.** 48: 191-206.
- Zhao, F., Guo, S., Zhang, H., and Zhao, Y. 2006. Expression of yeast SOD2 in transgenic rice results in increased salt tolerance. **Plant Sci.** 170: 216-224.
- Zhou, W., Li, Y., Zhao, B.-C., Ge, R.-C., Shen, Y.-Z., Wang, G., and Huang, Z.-J. 2009. Overexpression of TaSTRG gene improves salt and drought tolerance in rice. **J. Plant Physiol.** 166: 1660-1671.
- Zhu, J.-K. 2003. Regulation of ion homeostasis under salt stress. **Curr Opin Plant Biol.** 6: 441-445.
- Zhu, J.-K., Shi, H., 2002. Regulation of expression of the vacuolar Na/H antiporter gene *AtNHX1* by salt stress and ABA. **Plant Mol. Biol.** 50: 543-550.