

REFERENCES

- Anderson, J.R., Dillon J.L., Hardaker J.B. 1977. *Agricultural decision analysis*. Iowa: The Iowa State University Press.
- Bezuneh M. 1992. Application of stochastic dominance criteria to evaluated bean production strategies in Central Province, Zambia. *Agricultural Economic* 7: 289-299.
- Bowen, W.T., Thornton, P.K., Hoogenboom, G., Wilkens, P.W. 1995. A computer program to analyze multiple-season crop model output. *Agron Journal*. 87(1): 131-136.
- Ekasingh, M., Jongkaewwattana, S., Jintrawet, A., Onprapi T., Prohmburom, P., Kaewtip J., Wadchatat, J., Sudchalee, S., Somranpong S., Nachiangmai, S., Wiensil T., Polvatana, A. 2000. *Completed research report (Part1) of Crop Production Decision Support System Project: Rice in the North*. Faculty of Agriculture, Chiang Mai University.
- Hien, V., Kabore, D., Youl, S., Lowenberg-DeBoer, J. 1997. Stochastic dominance analysis of on-farm-trial data: The riskiness of alternative phosphate sources in Burkina Faso. *Agricultural Economics* 15: 213-221.
- Hoogenboom, G. 2000. Contribution of agrometeorology to the simulation of crop production and its applications. *Agricultural and Forest Meteorology* 103: 137-157.
- Jongkaewwattana, S. and Jintrawet, A. 1993. *A decision support system for resources optimization in rice production in the north and northeastern of Thailand*. Chiang Mai: Multiple cropping center, Chiang Mai university.

- Lansigan, F.P., Pandey, S., Bouman, B.A. 1997. Combining crop modelling with economic risk-analysis for the evaluation of crop management strategies. *Field Crops Research* 51:133-145.
- McCarl, B.A. (1996). *Agricultural Risk Analysis*. [Online]. Available:<http://www.ageco.tamu.edu/faculty/mccarl/riskclas/stodom.pdf> [January 10, 2002].
- McConnell, J.D. and Dillon L.J. 1997. *Farm management for Asia: a systems approach*. Rome: Food and Agriculture Organization of the United Nations.
- Office of Agricultural Economics. 2002. *Agricultural Statistics of Thailand crop year 2000/01*. [Online]. Available: <http://www.oae.go.th/statistic/yearbook/2000-01> [January 8, 2002].
- _____. 2003. *Agricultural Statistics of Thailand crop year 2001/02*. [Online]. Available: <http://www.oae.go.th/statistic/yearbook/2001-02> [February 15, 2003].
- Ogryczak W. and Ruszczyński A. 1999. From stochastic dominance to mean-risk models: Semi deviation as risk measures. *European Journal of Operational Research* 116: 33-50.
- Pitsanuloke Rice Research Center. 1999. *Good Agricultural Practice for Rice*. Thailand: Rice Research Institution, Department of Agriculture.
- Ritchie, J.T., Singh, U., Godwin, D.C. Bowen, W.T. 1998. Cereal growth, development and yield. *Understanding Options for Agricultural Production*. UK: Kluwer Academic Publishers, pp.79-98.
- Rotter, R., Keulen, V.H., Jansen M.J.W. 1997a. Variations in yield response to fertilizer application in the tropics: I. Quantifying risks and opportunities for smallholders based on crop growth simulation. *Agricultural Systems* 53: 41-68.

- _____. and Keulen, V.H., 1997b. Variations in yield response to fertilizer application in the tropics: II. Quantifying risks and opportunities for smallholders cultivating maize on Kenya's arable land. *Agricultural Systems* 53:69-95.
- Shinawatra, B. 1993. *Farmers' Choice of Rice Varieties in the Chiang Mai Valley*. Chiang Mai: Multiple Cropping Center, Chiang Mai University.
- The Meteorological Department. 2003. *Climate for tourism*. [Online]. Available: http://www.tmd.go.th/program/tour_show_detail.php [July 8, 2003].
- The rice.No date. *Rice Pages*. [Online]. Available: <http://www.therice.org/rice/index.html>[July 8, 2003].
- Thornton, P.K., Hoogenboom, G. 1994. A computer program to analyze single-season crop model output. *Agron Journal* 86(5): 860-868.
- _____. and Wilkens, P.W. 1998. Risk assessment and food security. *Understanding Options for Agricultural Production*. UK: Kluwer Academic Publishers, pp. 329-345.
- Tsuji, G.Y., Hoogenboom, G., Thornton, P.K. 1998. *Understanding Options for Agricultural Production. Systems Approaches for Sustainable Agricultural Development, Vol. 7*. UK: Kluwer Academic Publishers.
- _____. Uehara, G., Balas, S. 1994. *DSSAT version 3*. International Benchmark Sites Network for Agrotechnology Transfer. Hawaii: University of Hawaii.
- Williams, J., Delano D.R., Heiniger R.W., Vanderlip R.L., 1999. Replanting strategies for grain sorghum under risk. *Agricultural Systems* 60: 137-155.