เอกสารอ้างอิง

- ชาญชัย สิงหพันธุ์. 2540. การศึกษาลักษณะความยาวของก้านใบและรูปร่างใบของถั่วเหลืองที่มี ความสัมพันธ์ต่อผลผลิต. วิทยานิพนธ์ปริญญาโท. มหาวิทยาลัยแม่โจ้.
- ไพศาล เหล่าสุวรรณ เพ็ญศักดิ์ สอนกุลภักดี ชวัชชัย ที่ฆชุณหเถียร และสัมฤทธิ์ พานิชบุตร.

 2525. อิทธิพลของอัตราปลูกต่อผลผลิตและลักษณะอื่นๆ ของถั่วเหลือง. วารสารสงขลานครินทร์. 4(3): 213-220.
- Begg, J.E. and N.C. Turner. 1976. Crop water deficits. Adv. Agron. 28:161-207.
- Board, J.E. and B.G. Harville,1993. Soybean yield component responses to a light interception gradient
- Board, J.E. and Q. Tan. 1995. Assimilatory capacity effects on soybean yield components and pod number. *Crop Sci.* 35: 846-851.
- Board, J.E., A.T. Wier, and D.J. Boethel. 1994. Soybean yield reductions caused by defoliation during mid to late seed filling. *Agron. J.* 86:1074-1079.
- Boon-Long, P., D.B. Egli, and J.E. Leggett. 1983. Leaf N and photosynthesis during reproductive growth in soybeans. *Crop Sci.* 23:617-620
- Brougham, R.W. 1956. Effect of intensity of defoliation on regrowth of pasture. *Aust. J. Agric. Res.* 7: 377-387.
- Chlares-Edwards, D.A. 1984. On the order development of plant I: Ann.Bot. 53:699-

- Curtis, P.E., W.L. Ogren and R.H. Hageman. 1969. Varietal Effect in Soybean Photosynthesis and Photorespiration. *Crop Sci.* 9:323 -326.
- Dornhoff, G.M. and R.M. Shibles. 1970. Varietal differences in net photosynthetic of
 - soybean leaves. Crop Sci. 10:42-45.
- Doss, B.D., R.W. Pearson, and H.T. Rogers. 1974. Effect of soil water stress at various growth stages on soybean yield. *Agron. J.* 66:297-299.
- Egli, Dennis B., and Craft–Brandner, Steven J., 1996. Soybean. *In*: Eli Zamski, and Arther A. Schaffer, eds. Photoassimilate distribution in plants and crops. Sourcesink relationships. pp. 595-623.
- Evan, L.T. 1975. Crop Physiology. Cambridge: Cambridge University Press.
- Fehr, W.R., C.E. Caviness, and J.J.Vorst. 1977. Response of indeterminate and determinate soybean cultivars to defoliation and half plant cutoff. *Crop Sci*. 17:913-917.
- Fehr, W.R., D.T. Burmood, and J.S. Pennington.1971.Stages of development descriptions for soybeans, *Glycine max* (L.) Merrill. *Crop Sci.* 11:929-931.
- Foy, C.D., 1984. Physiological effects of hydrogen, aluminium and manganese toricities in acid soil. *In* F.Adams, ed. Soil Acidity and Liming. P.57-97. Agron. ser.12 Madison. WI, USA, American Society of Agronomy.
- Goudriaan, J. 1977. Crop Micrometeorology: a Simulation Study. Wageningen:

 Centre for Agricultural Publishing and Documentation.
- Haile, F.J., L.G. Higley, J.E. Spoeht, and S.M. Spomer. 1998. Soybean leaf

- morphology and defoliation tolerance. Agron. J. 90:353 -362.
- Herrera, W.A.T. and H.G. Zandstra. 1979. The response of some major upland crops to excessive soil moisture. Paper presented at the 10th Annual Scientific Meeting of the philippined at UPLB, Philippines. 16 pp.
- Huff, A. And C.D. Dybing. 1980. Factors affecting shedding of flowers in soybean, *Glycine max* (L.) Merrill. *J. Exp. Bot.* 31:751-762.
- Jerome C. Seraites, Torisky S. Rebecca, and Shin Fong Chao. 1984. Diurnal changes in ribulose 1,5-bisphosphate carboxylase activity and activation state in leaves of field-grown soybean. *Plant. Sci.* 35:115-121.
- Jiang, C.Z., S.R. Rodermed, and R.M. Shibles. 1993. Photosynthesis, rubisco activity and amount and their regulation by transcription in senescing soybean leaves. *Plant Physiol.* 101:105 -112.
- Jiang, H., and D.B. Egli. 1993. Shade inclesed changes in flower and fruit abscission in soybean. *Agron. J.* 85:221-225.
- Kalton, R.R., C.R. Weber., and J.C. Eldredge. 1945. The Effect of Injury

 Simulating Hail Damage to Soybean. Iowa Agricultural Erperiment Station

 Research. 357-796.
- Klubertanz, T.H., L.P. Pedigo, and R.E.Carlson. 1996. Reliability of yield model of defoliated soybean based on leaf area index versus leaf area removed. *Econ. J. Entomol.* 89:751-756.
- Kogan, M., and S.G. Turnipseed. 1980. Soybean growth and assessment of damage by arthropod, pp. 3-29. *In* M. Kogan and D.C. Herzog [eds.], Sampling

- Methods in Soybean Entomology. Spring-Verlag, New york.
- Larcher, W. 1980. Physiological Plant Ecology. Berlin Heidelberg New York: Springer-Verlag.
- Makino, A., T. Mae, and K.Ohiro. 1983. Photosynthesis and ribulose 1,5 bisphosphate carboxylase in rice leaves changes in photosynthesis and enzymes involved in carbon assimilation from leaf development through senescence. *Plant Physiol*. 73:1002-1007.
- Meesorniem, Samran. 1979. Effect of Solar Radiation on the Growth and Production of Crop at Different Height and Maturity under Various Cropping Systems.

 Ph.D. Agronomy Thesis. University of Philippines.
- Mosca, G., and S. Bona. 1994. Soil and nitrogen effects on nitrogen nutrition in soybean. *In*: The abstracts of papers world soybean research conference. Chiang Mai Thailand, pp. 20-26.
- Murthy. P.S.S., and K.S. Murthy.1983. Path coefficient analysis of source sink on spikelet sterility in rice (*Oryza sativa* L.) Ardhra *Agric. J.* 30(1): 6-68
- Neill, J.C., 1954. Effect of Artificial Hail on soybean. Fied Crop Abstacts.8-97.
- Nichiporovich, A.A. 1960. Photosynthesis and the theory of obtaining high yield in crop. Field Crop Abstract. 13:169-175.
- Pandy, R.K., W.A.T. Harrera, A.N. Villegas, and J.W. Pendleton.1987. Drought response of grian legumes under irrigation gradient. III Plant growth *Agron. J.* 76:557-560.
- Pendleton. J.W., G.E. Smith, S.R. Winter, and J.J. Johnson. 1968. Field invertigations

- of the relation ship of leaf angle in corn (Zea mays L.) to grain yield and apparent Photosynthesis. *Agron. J.* 60:422-424.
- Pookpakdi, A. 1977. A study of growth and yield components of soybean. Ph. D. Dissertation. Univ. of Missouri, U.S.A.
- Shaw, R.H. and C.R. Weber. 1967. Effect of Canopy Arrangement of Light Interceotion and Yield of Soybean. *Agron. J.* 59:155-159.
- Shibles, R.M., and C.R. Weber. 1965. Leaf area, solar radiation interception and dry matter production by soybean. *Crop Sci.* 5:575-577.
- Shibles, R.M., and C.R. Weber. 1966. Interception of solar radiation and dry matter production by various soybean planting patterns. *Crop Sci.* 6:55-59.
- Sionit, N., and P.J. Kramer. 1977. Effect of water stress during different stages of growth of soybeans. *Agron. J.* 69:274-278.
- Stanley, C.D., T.C. Kaspar, and H.M. Taylot. 1980. Soybean top and root response to temporary water tables imposed at three different staged of growth.

 *Agron. J. 72:341-346.
- Tanaka, A. 1980. Source and sink relationship in crop production. Technical Bulletin No. 52. Food & fertilizer Technology Cetre, Taipei. 18p.
- Thomas, G.D. 1978. Plant damage syndromes, yield losses, and economic decision indices. *In* R. Shibles [eds.], Proceedings, World Soybean Research Conference III, 12-17 Aug. 1984, Ames, IO.
- Turnipseed, S.G. 1972.Response of soybean to foliage losses in South Carolina. *Econ. J.* Entomol. 65:224-229.

- Venkateswarlu, B. and R.M. Visperas. 1987. Source-sink relationships in crop plants.

 Res.No 125. International Rice Research Institute, Manila, Philippines.
- Westgate, M.E.1999. Managing soybean for photosynthesis efficiency, pp.223-228.

 In Proceedings, World Soybean Research Conference VI, 4-7 Aug. 1999,

 Chicago, IL.
- Yoshida, S. 1981. Fundamentals of rice crop sciences. International Rice Research Institute, Manila, Philippines.
- Zeigler, R.S., and D.W. Puckridge,1995. Improving sustainable productivity in rice-based rainfed lowland systems of South and Southeast Asia. *Geo. J.* 35(3):307-324.

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่ Copyright © by Chiang Mai University All rights reserved