เอกสารอ้างอิง

กฤษฎา สัมพันธารักษ์. 2522. การปรับปรุงพันธุ์พืช. มหาวิทยาลัยเกษตรศาสตร์. กรุงเทพฯ.

จักรี เส้นทอง. 2539. พลวัตผลผลิตพืช. ภาควิชาพืชไร่ คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงหม่. หน้า 168-191.

จำรัส โปร่งศิริวัฒนา. 2534. ความรู้เรื่องข้าว. สถาบันวิจัยข้าว กรมวิชาการเกษตร.

เฉลิมพล แซมแพชร. 2540. สรีรวิทยาการผลผลิตพืชไร่. ภาควิชาพืชไร่ คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงหม่.

ดำเนิน กาละดี. 2541. เทคโนโลยีการปรับปรุงพันธุ์พืช. คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่.

ปรียานันท์ แสนโภชน์. 2529. หลักการปรับปรุงพันธุ์พืช. ภาควิชาชีววิทยา คณะวิทยาศาสตร์ มหาวิทยาลัยศรีนครินทรวิโรฒพิษณุโลก.

พรพิบูลย์ ธัมพิบูลย์. 2535. ความเป็นระโยชน์ของไนโตรเจนจากปุ๋ยและฟางที่มีต่อการผลิตพืชภายใต้ระบบการปลูกพืชที่มีข้าวเป็นหลัก. วิทยานิพนธ์วิทยาศาสตรมหาบัณฑิต (เกษตรศาสตร์) มหาวิทยาลัยเชียงใหม่.

ไพศาล เหล่าสุวรรณ. 2527. หลักการปรับปรุงพันธุ์พืช. คณะทรัพยากรธรรมชาติ มหาวิทยาลัยสงขลานครินทร์ วิทยาเขตหาดใหญ่.

Bacon, P.E. 1985. The effect of nitrogen application time on Calrose rice growth and yield in S.E. Australia. Aust. J. Exp. Agric. Amin. Husb. 25: 183-190.

Bufogle, A., Jr., P.K. Bollich., R.J. Norman., J.L. Kovar., C.W. Lindau and R.G. Macchiavelli. 1997. Rice plant growth and nitrogen accumulation in drill-seeded and water-seeded culture. Soil Sci. Soc. Am. J. 61: 832-839.

Bulman, P. and D.L. Smith. 1994. Post heading nitrogen uptake, retranslocation and partitioning in spring barley. Crop Sci. 34: 977-984.

Chang, T.T. and B. Somrith. 1979. Genetic studies on the grain quality of rice. In Proceedings of the workshop on chemical aspect of rice grain quality. pp. 49-58. Los Baños, Laguna Philippines, IRRI.

Chang, T.T. and F.H. Lin. 1974. Diallel analysis of protein content in rice. Agron. Abstr. Chicago, Illinois. pp. 65.

Clark, R.B. 1987. Plant genotype differences in the uptake, translocation, accumulation, and use of mineral element required for plant growth. *In* M.R. Saric and B.C. Loughman (eds.) Genetic aspects of plant nutrition. Martinus Nijhoff Publishers. Printed in the Netherlands. pp. 51-54.

Cox, M.C., O.Q. Clavin and D.W. Rains. 1986. Genetic variation for nitrogen assimilation and translocation in wheat. III. Nitrogen translocation in relation to grain yield and protein. Crop. Sci. 26: 737-740.

De Datta, S.K., W.M. Obcemea and R.N. Jana. 1972. Protein content of rice grain as affected by nitrogen fertilizer and some triazines and substituted urea. Agron. J. 64: 785-788.

Dingkuhn, M., H.F. Schnier, S.K. De Datta, K. Dorffling and C. Javellana. 1991. Relationship between ripening-phase productivity and crop duration, canopy photosynthesis and senescence in transplanted and direct-seeded lowland rice. Field Crops Res. 26: 327-345.

Dubey, R.S. and M. Pessarakli. 1995. Physiological mechanisms of nitrogen absorption and assimilation in plant under stressful conditions. *In* M. Pessarakli (ed.) Handbook of plant and crop physiology. The University of Arizona, New York. pp. 616.

Eggum, B.O. and B.O. Juliano. 1975. Higher protein content from nitrogen fertiliser application and nutritive value of milled-rice protein. J. Sci. Food Agr. 26: 425-427.

Gomez, K.A. 1972. Techniques for field experiment with rice. Los Baños, Laguna Philippines, IRRI.

Gomez, K.A. 1979. Effect of environment on protein and amylose content of rice. In Proceeding of the workshop on chemical aspect of rice grain quality. Los Baños, Laguna Philippines, IRRI. pp. 59-68.

Gomez, K.A. and S.K. De Datta. 1975. Influence of environment on protein content of rice. Agron. J. 67: 565-568.

Guindo, D., B.R. Wells and R.J. Norman. 1994. Cultivar and nitrogen rate influence on nitrogen uptake and partitioning in rice. Soil Sci. Soc Am. J. 58: 840-845.

Hill, J. 1980. The remobilization of nutrients from leave. J. Plant Nutr. 2: 407-444.

Hillerislembers, D., J.N. Rutger, C.O. Qualest and W.J. Wiser. 1973. Genetic and environmental variation in protein content of rice (*Oryza sativa* L.). Euphytica 22: 264-273.

IRRI. 1971. Annual report 1975. Los Baños, Laguna Philippines

IRRI. 1974. Annual report 1973. Los Baños, Laguna Philippines

IRRI. 1976. Annual report 1971. Los Baños, Laguna Philippines, pp. 11-14.

IRRI. 1977. Annual report 1971. Los Baños, Laguna Philippines, pp. 418.

Juliano, B.O. 1985. Rice: Chemistry and technology, 2nd ed. ST. Paul, MN, USA, AM. Assoc. Cereal chem. pp. 774.

Juliano, B.O. 1990. Rice grain quality : problem and challenges. Cereal Foods World. 35: 245-253.

Juliano, B.O. 1990. Grain structure composition and consumers criteria for quality. Rice in human nutrition. pp. 118-119. Los Baños, Laguna Philippines.

Kaul, A.K. 1973. Mutation breeding and crop protein improvement. In Nuclear techniques for seed protein improvement. International atomic energy agency, Vienna, 60-65.

Kennedy, B.M. and M. Schelstraete. 1974. Chemical, Physical and nutrition of properties of high protein flours and residual kernel from the overmilling of uncoated milled rice. I. Milling product and protein, fat, ash and amylase, and starch content. Cereal Chem.51: 435-438.

Knipfel, J.E. 1969. Comparative protein quality of Triticale, wheat and rye. Cereal Chem. 46: 313-317.

Lee, J., J.K. Kim, J.C. Shin, E.H. Kim, M.H. Lee and Y.J. Oh. 1996. Effect of ripening temperature quality appearance and chemical quality characteristics of rice grain. RDA. J. Agric. Sci. 38(1): 1-9. (English Abstract)

Mae, T. 1986. Partitioning and utilization of nitrogen in rice plants. JARO 20(2):115-120.

Mae, T. and K. Ohira. 1981. The remobilization of nitrogen related to leaf growth and senescence in rice plant. Plant Cell Physiol. 22: 1067-1074.

Mikesell, M.E. and G.M. Paulsen. 1971. Nitrogen translocation and the role of individual leaves in protein accumulation in wheat grain. Crop. Sci. 11: 919-922.

Mikkelsen, D.S., G.R. Jayaweera and D.E. Roston. 1995. Nitrogen fertilization practices of lowland rice culture. *In* P.E. Bacon (ed) Nitrogen fertilization in the environment. pp. 177.

Moore, P.A., Jr., J.T. gilmour and B.R. Wells. 1981. Seasonal patterns of growth and soil nitrogen uptake by rice. Soil Sci. Sco. Am. J. 45: 875-879.

Murayama, N. 1965. The influence of mineral nutrition in the characteristics of plants organ. Mineral Nutrition of the Rice Plants. Johns Hopkins Press, Baltimore. pp. 121-147.

Nanda, J.S. and W.R. Coffman. 1979. IRRI's efforts to improve the protein content of rice. In Proceedings of the workshop on chemical aspect of rice grain quality. pp. 33-37. Los Baños, Laguna Philippines, IRRI.

Nishizawa, N., T. Kitahara, T. Noguchi, S. Hareyama and K. Honjyo. 1977. Protein quality of high protein rice obtained by spraying urea on leaves before harvest. Agric. Biol. Chem. 41: 477-485.

Norman, R.J., D. Guindo, B.R. Wells and C.E. Wilson, Jr. 1992. Seasonal accumulation and partitioning of nitrogen-15 in rice. Soil Sci. Soc. Am. J. 56:1521-1527.

Patrik, W. H. and K.R. Reddy. 1976. Fate of fertilizer nitrogen in a flooded rice. Soil Sci. Soc. Am. J. 40: 678-681.

Peng, S and K.G. Cassman. 1998. Upper threshhold of nitrogen uptake rates and associated nitrogen fertilizer efficiencies in irrigated rice. Agron. J. 90: 178-185.

Perez, M.C., G.B. Cagampang, B.V. Esmama, R.U. Monserrate and B.O. Juliano. 1973. Protein metabolism in leaves and developing grains of rices differing in grain protein content. Plant Physiol. 51:537-542.

Poehlman, J.M. 1987. Breeding field crops. AVI Publ. Co., Westport, CT. pp. 340-377.

Pollmer, W.G., D. Eberhard, D. klein and B.S. Dhillon. 1979. Genetic control of nitrogen uptake and translocation in maize. Crop Sci. 19: 82-88.

Pomeranz, Y. 1987. Modren cereal science and technology. VCH Publishers, Inc. pp. 381-382.

Peterson, D.M., L.E. Schrader, D.A. Catoldo, V.L. Youngs and Smith. 1975. Assimilation and remobilization of nitrogen and carbohydrate in oat, especially related to groat protein concentration. Can. J. Plant Sci. 55: 19-28.

Rahman, M.S. and S. Yoshida. 1985. Effect of water stress on grain filling in rice. Soil Sci. Plant Nutr. 31(4): 497-511.

Resurreccion, A.P., B.O. Juliano and Y. Tanaka. 1979. Nutrition content and distribution in milling fraction of rice grain. J. Sci. Food Ag. 30: 475-481.

Reyes. E.D., J.G. Davide., L.G. Orara and R.A. Calixihan. 1962. Nitrogen, phosphorus, and potassium uptake by a lowland rice variety at different stages of growth. Philipp. Agric. 46: 7-19.

Sasahara, T., S. Satoh, K. Okada and T. Abe. 1993. Senescence parameters of organs constituting the panicle, first internote, and flag leaf in rice. Crop Sci. 33:503-509.

Suprihatno, B. 1976. Effective of protein per seed as a selection criterion for high portein rice. MS thesis, Univ. Philippines Los Baños. pp. 77.

Ta, C.T. and R.T. Weiland. 1992. Nitrogen partitioning in maize during ear development. Crop Sci. 32: 443-451.

Tanaka, S. 1973. Varietal differences in protein content of rice. In Nuclear techniques for seed protein improvement. International atomic energy agency, Vienna. pp. 107-113.

Thom, W.O., T.C. Miller and D.H. Bowman. 1981. Foliar fertilization of rice after midseason. Agron. J. 73: 411-414.

Virmani, S.S, R.C. Chaudhary and G.S. Khush. 1981. Current outlook on hybrid rice. Oryza. 18: 67-84.

Wada, G., S. Shoji and T. Mae. 1986. Relationship between nitrogen absorption and growth and yield of rice plants. JARO 20:135-144.

Westcott, M.P., D.M. Brandon, C.W. Lindau and W.H. Patrick, Jr. 1986. Effects of seedling method and time of fertilization on urea-nitrogen-15 recovery in rice. Agron. J. 78: 474-478.

Wilson, C.E., Jr., R.J. Norman and B.R. Wells. 1989. Seasonal uptake patterns of fertilizer N applied in split applications to rice. Soil Sci. Soc. Am. J. 53: 1884-1887.