

Reference

- Beck, D., F.J. Betran, M. Banziger, M. Willcox and G.O. Edmeades. 1996. From Landrace to hybrid: Strategies for the use of source populations and line in the development of drought tolerant cultivars. In *Proceeding of a Symposium: Developing Drought- and Low N- Tolerant Maize*. March 25-29, 1996, EL Batan. EL Batan: CIMMYT. pp 369-382.
- Bellon, M.R. 2001. Participatory research methods for Technology Evaluation: A Manual for Scientists Working with Farmers. Mexico. D.F: CIMMYT.
- _____. Participatory method in the development and dissemination of new maize technologies. [Online]. Available: http://www.cimmyt.org/Research/Economics/map/facts_trends/maizeft9900/pdfs/maizeft9900.pdf [November 20, 2002].
- Bently, J.W. 1992. Facts, fantasies, and failures of farmer participatory research. Agricultural and Human Values. In *Participatory Research Methods for Technology Evaluation: a manual for scientists working with farmers*. Mexico. D.F: CIMMYT. pp.140-150.
- Blamy, F.P.C, M.J.N. Bell., C.M. Duque., P.P. Evangelista. and T. Phien. 2002. Management of phosphorous for sustainable food crop production on Acid upland soil in Australia, Philippines and Vietnam. In *Annual Report ACIAR Project 9414*. December 20-31, 2000. National Institute for Soil and Fertilizers. Hanoi: National Institute for Soil and Fertilizers. pp. 52-73.
- Bo, N.V. The role of fertilizer in modern agricultural production in Vietnam. [Online]. Available: <http://www.fadinap.org/vietnam/fertilizer.html> [January 10, 2003].

Can, L.V. 1976. Fertilizers recommendation book (in Vietnamese). Hanoi: Agriculture Publishing House.

Chamber, R. 1997. Paradigm shifting and practice of participatory research and development. In N. Nelson and S. Wright (Ed.), *Power and participatory development: Theory and practice*. London: International Technology Publication.

Chinh, N.Q., 2001. *Technical change and technical efficiency of maize farmers in the provinces of HaTay, Red river delta, North of Vietnam*. M.S. Thesis (Agricultural Economic), University of the Philippines at Los Banos.

Cohen and Uphoff. Empowering people: Guidebook to Participation. [Online]. Available: <http://www.undp.org/csopp/cso/newfile/docemppoeple1.html>. [February 15, 2003].

Conway, G.R. 1997. The Double Green Revolution: Food for All in the Twenty-First Century. New York: Cornell University Press.

Corazzina, E, P.A. Gething and E. Mazzali. 1991. Fertilizer for High Yield Maize, 2nd ed. IPI-Bulletin No.5. Worblaufen-Bern: International Potassium Institute.

Damodar, G. 1998. Essentials of econometrics. 2nd ed. New York: McGraw- Hill, Inc.

De Bie, C.A.J.M. Yield gap study through comparative performance evaluation. [Online]. Available: <http://www.itc.nl/library/Papers/0020.pdf> [January 10, 2003].

Dorward, P.T., C..M. Galpin. and D.D. Shepherd. 2001. Methods for assessing the suitability of potential farm management innovation- a case study on green manuring option for tomato producers in Ghana. *Journal of Agricultural System* 14:120-134.

Edmeades, G.O., M. Banziger, S. Pandey, J. Bolanos, S.C. Chapman, A. Ortega C, H. Lafitte and K.S. Fischer. 1996. Recurrent selection under managed drought

stress improves grain yield in Tropical maize. In *Proceeding of a Symposium: Developing Drought- and Low N- Tolerant Maize*. March 25-29, 1996, EL Batan. EL Batan: CIMMYT. pp 8-27.

Ekasingh, B., P. Gypmantasiri and K. Thong-Ngam. 2001. Maize farming in Marginal area of Thailand: Field evidence from the field, 2000. Multiple Cropping Center, Chiang Mai University.

FAO STAT. (No date). Agriculture data. [Online]. Available: <http://www.fao.org> [October 10, 2002].

Frye, W.W., O.L. Bennett. and G.J. Buntley. 1985. Restoration of Crop Productivity on Eroded or Degraded Soils. In R.F. Follett and B.A. Stewart (Eds.), *Soil Erosion and Crop Productivity*. Madison: Soil Science Society of American. pp. 335-356.

Goma, H.C., K. Rahim, G. Nangendo, J. Riley and A. Stein. 2001. Participatory studies for agro-ecosystem evaluation. *Journal of Agriculture and Ecosystems and Environment* 87:179-190.

Greenland, D.J and M.H.B. Hayes. 1981. The chemistry of the soil process. New York: John Wiley and Sons, Inc.

Hien, N.T.M. 1998. *Comparative of rice production system in the northern, Vietnam*. M.S. Thesis (Agricultural Systems), Chiang Mai University.

Kiem, N.T and V. G. Roberta. (No date). The Maize industry in Vietnam. [Online].

Available:http://www.cimmyt.org/Research/Economic/map/impact_study/Impact%20of%20Maize_1996_1997/ImpactAsia/pdfs/ImpactsAsia_Chapter8 [December 10, 2002].

Kropff, M.J and H.H. Van Laar. 1993. Modelling crop-weed interactions. Oxon: Cab International.

- Langdale, G.W., H.P. Denton, A.W. White, J.W. Gilliam. and W.W. Frye. 1985. Effect of Soil Erosion on Crop Productivity of the Southern Soils. In R.F. Follett and B.A. Stewart (Eds.), *Soil Erosion and Crop Productivity*. Madison: Soil Science Society of American. pp. 251-270.
- Loader, R and L.Amartya. 1999. Participatory Rural Appraisal: extending the research method base. *Journal of Agricultural System* 62:73-85.
- Loc, D.C and T. Phien. 1996. Land conservation methods in sloping land in Hoa Son, Hoa Binh province. (in Vietnamese). *Vietnam Soil Science* 4:35-57.
- Logrono, M.L, and J.E. Lothrop. 1996. Impact of Drought and Low Nitrogen on maize production in Asia. In *Proceeding of a Symposium: Developing Drought- and Low N- Tolerant Maize*. March 25-29, 1996, EL Batan. EL Batan: CIMMYT. pp. 39-42.
- Long, V.D. 1998. Cultural techniques for high yielding maize production in Southern provinces of Vietnam. February 23-27, 1998, Los Banos. EL Batan: CIMMYT. pp. 434-443.
- Mannering, J.V, D.P. Franzmeier., D.L. Schertz., W.C. Moldenhauer. and L.D. Norton. 1986. Regional effect of soil erosion on crop productivity-Midwest. In R.F. Follett and B.A. Stewart (Eds.), *Soil Erosion and Crop Productivity*. Madison: Soil Science Society of America. pp. 272-284.
- Mduruma, Z.O and P.S. Ngowi. 1996. The need for genetic and management solution to limitation imposed by drought and low nitrogen on maize production in Tanzania. In *Proceeding of a Symposium: Developing Drought- and Low N- Tolerant Maize*. March 25-29, 1996, EL Batan, Mexico. EL Batan: CIMMYT. pp. 39-45.
- Muoi, D.V., T.V. Chinh, D.N. Hai, H.V. Mua, P.T. Nga and D.C. Thu. 1997. Upland Soil in Vietnam (in Vietnamese). Hanoi: Agricultural Publishing House.

- Neubert, D. 2000. A new magic term is not enough. Participatory approaches in agricultural research. *Quarterly journal of International Agricultural* 39:25-50.
- Njoroge, K., B. Wafula and J.K. Ransom. 1996. Characterization of Drought Stress in the Maize Production Zones of Kenya. In *Proceeding of a Symposium: Developing Drought- and Low N- Tolerant Maize*. March 25-29, 1996, EL Batan. EL Batan: CIMMYT. pp. 35-38.
- Ozsabuncuoglu, Ismail. H. 1998. Production function for wheat: Case study of Southeastern Anatolian Project (SAP) region. *Journal of Agricultural Economics* 18:75-85.
- Percy, R. 1999. Gender analysis and paticipatory rural appraisal: assessing the current debate through an Ethopian case study involving agricultural extension work. *International Journal of Education Development* 19: 395-408.
- Phien, T. and N.T. Siem. 1996. Management of slopping land for sustainable agriculture in Vietnam. In *the Management of Slopping Land in Asia, Network Document. No 20*. Bangkok: IBSRAM. pp. 275-416.
- _____and N.C. Vinh.. 2000. The effect of fertilizers on maize yield on the rainfed area, Thanh Ha, Hoa binh (In Vietnamese). In *Annual Symposium of National Institute for Soils and Fertilizers*. December 22-26, 2000. National Institute for Soils and Fertilizers. Hanoi: National Institute for Soils and Fertilizers. pp. 1-12.
- Phong, N.V. Technical assistant staff of CP Seed Company, Hanoi. Interview. 10 April 2002.
- Phu, H.V. 2001. Farming system analysis of farm-households in the northern upland of Vietnam: The case study in Dinh Hoa district, Tuyen Quang province. In *the workshop on Training, Research and Technology Transfer Needs for*

Sustainable Development on Slopping Land in Vietnam. April 10-12, 2001, Hanoi. Hanoi: Agricultural Publishing House. pp. 90-113.

Pingali, P.L and S. Pandey. Technological opportunities and priorities for the public sector.[Online].Available:http://www.cimmyt.org/Research/Economics/map/acts_trends/maizeft9900/pdfs/maizeft9900.pdf. [January 10, 2003].

Powers, L.E. and R. Mcsorley. 2000. Ecological Principles of Agriculture. New Zealand: Delmar, Thomson learning.

Praneetvatakul, S and H. Waibel. 2002. The productivity of pesticide use in rice production of Thai land: A damage control approach. In ***International Symposium: Sustaining food security and managing natural resources in Southeast Asia- Challenges for the 21st century.*** January 8-11, 2002, Chiang Mai. Bangkok: Kasetsart University. pp. 175-177.

Pretty, J.N and S.D. Vodouhe. 1997. Using Rapid or Participatory Rural Appraisal. In ***the guidance of the Extension, Education and Communication Service Reserach, Extension and Traning Devision Sustainable Development.*** FAO Rome: Food Agriculture Organization of United Nation.

Sajjiapongse, A., A. Maglinao and C. Aneckksamphant. 1998. Sustainable maize production under alley cropping on slopping lands. In ***Proceeding of the 7th Asia Regional Maize Workshop.*** February 23-27, 1998. Los Banos. EL Batan: CIMMYT. pp 374-380.

Saaty, T.L. 1980. The Analytic hierarchy process. New York: McGraw-Hill, Inc.

Shanks, E. Working in extension with highland people adapting to diversity, Vietnam Sweden mountain rural development program. [Online]. Available:<http://www.undp.org.vn/project/vie96010/cemma/RAS93101/025.htm>. [November 22, 2002].

- Shirani, H., M.A. Hajabbasi., M. Afyuni and A. Hemmat. 2002. Effect of Farmyard manure and tillage system and soil physical properties and maize yield in central Iran. *Soil and Tillage* 68:101-108.
- Siem, N.T. and T. Phien. 1999. Upland soil in Vietnam: Degradation and Rehabilitation (in Vietnamese). Hanoi: Agriculture Publishing House.
- Singh, J., B. Pal and P.V. Vien. 1998. Hybrid maize seed production – experiences and new prospects of hybrid maize cultivation in Vietnam. In *Proceedings of 7th Asia Regional Maize Workshop*. February 23-27, 1998, Los Banos. EL Batan: CIMMYT. pp. 599-603.
- Statistical book. 2000. Hanoi: Statistical Publishing House.
- Tam, T.T and L. Nguyen. 1996. Research on cultivation methods in Ha Hoa Thanh Ba Phu Tho.(in Vietnamese) In *Annual Symposium of National Institute for Soils and Fertilizers*. December 12-14, 1996, Hanoi. Hanoi: National Institute for Soils and Fertilizers. pp 2-25.
- _____.and V.D. Quynh. 2000. Participatory land assessment and land use planning for rice in Hoa Binh province. (in Vietnamese). In *Annual Scientific Symposium of national Institute for Soils and Fertilizers*. December 22-26, 2000, National Institute for Soils and Fertilizers, Hanoi: National Institute for Soil and Fertilizers. pp. 1-55.
- Thanh, P.C. 1996. Agricultural production on slopping land-challenges and potential (in Vietnamese). Hanoi: Agriculture publishing house.
- Thao, T.D., N.T. Hung., N.T. Khiem and N.V. Cuong. 2001. Results of the PRA survey on demand for maize and the intensification of farming system in Northern mountainous region of Vietnam. (in Vietnamese). Economic Department. Hanoi Agricultural University No I.

- Thieu, V.N., Q. Dong. and N.K. Minh. 1998. Econometrics. 2nd ed. (in Vietnamese) Hanoi: Scientific and Technical Publishing House.
- Thu, D.C and M.V. Phan. 2001. Household land use effectiveness after land and forest allocation in Son La province (in Vietnamese). *Vietnam Soil Science* 15:103-108.
- Tinh, N.H. 1996. Management and breeding approaches to alleviate the effect of drought on maize in Vietnam. In *Proceeding of a Symposium Developing drought- and Low N-Tolerant Maize*. March 25-29, 1996, EL Batan. EL Batan: CIMMYT pp. 126- 130.
- Toan, T.D and N.D. Phuong. 1998. Research on soil conservation methods for sustainable agricultural production in slopping land in Dong Dang Lang Son provinces (in Vietnamese). In *Annual Symposium of National Institute for Soils and Fertilizers*. December 16-22, 1998, National Institute for Soils and Fertilizers. Hanoi: National Institute for Soils and Fertilizers. pp. 1-27.
- _____ and Thai Phien. 1999. Effect of soil conservation methods on soil fertility on slopping land. In *Proceeding of Scientific research results*. (in Vietnamese). October 25-30, 1999, National institute for soil and fertilizers. Hanoi: Agricultural Publishing House. pp. 178-189.
- _____. and D.D. Duy. 2002. Assessment the production constraints toward sustainable agricultural development on rainfed area in Son La province (in Vietnam). In *Annual Scientific Symposium of National Institute for Soils and Fertilizers*. February 20-25, 2002, National Institute for Soils and Fertilizers. Hanoi: National Institute for Soil and Fertilizers. pp. 2-25.
- Trung, L.S. 2001. Participatory technology development in Van Lang commune, Dong Hy district, Thai Nguyen Province. In *the workshop on Training, research and technology transfer needs for sustainable development on slopping land* (in Vietnamese). April 10-12, 2001, Hanoi. Hanoi: Agricultural Publishing House. pp. 241-243.

Truong, L.X., L.V. Nghia., L.Q. Phong. and N.D. Nghia. 2000. Fertilizer use book (in Vietnamese). Hanoi: Agriculture Publishing House.

Tuan, H.D., O. Hunsson and L.Q. Doanh. 2001. Soil limiting factors for crop yield on slopping land and potential solutions (in Vietnamese). In *Workshop on Training, Research and Technology Transfer Needs for Sustainable Development on Slopping land in Vietnam*. April 10-12, 2001, Hanoi. Hanoi: Agriculture Publishing House. pp. 213-217.

UY, T.H. 1998. Governmental support for research and development of Hybrid maize in Vietnam. In *Proceedings of 7th Asia Regional Maize Workshop*. February 23-27, 1998, Los Banos. EL Batan: CIMMYT. pp. 92-95.

Van Den Ban, A.W. and H.S. Hawkins. 1996. Agricultural extension 2nd. London: Blackwell Science Ltd.

Vien, T.D. 1996. Agriculture on slopping land (in Vietnamese). Hanoi: Agriculture Publishing House.

Word Bank. (No date). Participation: Emergence, interpretation, definition. [Online].

Available: http://www.comhlamh.org/25/kim_peid.html [November 12, 2002].

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved