

Jonathan Woolley
List of publications

Peer-reviewed publications

- Woolley, J (2000). The competitive agricultural research fund in Ecuador in F.J.B. Reifschneider, D.R. Byerlee and F.B. de Souza (eds). *Competitive Grants in the New Millennium: A Global Workshop for Designers and Practitioners*, pp 113-121. Embrapa/IDB/World Bank, Brasilia, Brazil.
- Woolley, J. and Tripp, R. (1994). Priority setting tools for research groups in J.D. Meindertma (ed). *Setting research priorities: Towards effective farmer-oriented research*, Royal Tropical Institute, Amsterdam.
- Davis, J.H.C. and Woolley, J.N. (1993). Selecting genotypes for intercropping. *Field Crops Research* 34: 407-430.
- Woolley, J.N. (1991). On farm research in A. van Schoonhoven and O. Voyses (eds). *Common beans: Research for crop improvement*, pp 863-890. CAB International/CIAT, Wallingford, UK.
- Woolley, J.N. and Davis, J.H.C. (1991) The agronomy of intercropping with beans in A. van Schoonhoven and Voyses (eds). *Common beans: Research for crop improvement*, pp 707-736. CAB International /CIAT, Wallingford, UK.
- Woolley, J.N., Lépiz-I, R., Portes e Castro, T. de A. and Voss, J. (1991). Bean cropping systems in the tropical and subtropics and their determinants in A. van Schoonhoven and O. Voyses (eds). *Common beans: Research for crop improvement*, pp 679-706. CAB International/CIAT, Wallingford, UK.
- Janssen, W., Ruiz de Londoño , N., Beltrán, J.A. and Woolley, J.N. (1991). On farm research in support of varietal diffusion: beans production in Cajamarca, Peru in R. Tripp (ed). *Planned change in farming systems: Progress in on-farm research*, pp 191-214. Wiley-Sayce, Chichester, UK.
- Tripp, R. and Woolley, J. (1990). Training in farming systems research: review and prospects. *Experimental Agriculture* 26: 247-262.
- Tripp, R. and Woolley, J. (1989). The planning stage of on-farm research: Identifying factors for experimentation. 86 pp. CIMMYT, Mexico and CIAT, Cali, Colombia. (Published in English and Spanish).
- Woolley, J.N. and Rodriguez, W. (1987). Cultivar x cropping system interactions in relay and row intercropping of bush beans with different maize plant types. *Experimental Agriculture* 23: 181-192.
- Woolley, J.N. and Smith, M.E. (1986). Maize plant types suitable for present and possible bean relay systems in Central America. *Field Crops Research* 15:3-16.
- Davis, J.H.C., Woolley, J.N., and Moreno, R.A. (1986). Multiple cropping with legumes and starchy roots in C.A. Francis (ed). *Multiple Cropping Systems*, pp 133-160. Macmillan, New York.
- Woolley, J.N. and Evans, A.M. (1984). The use of two mating systems in breeding for resistance to *Maruca testulalis* Geyer in cowpea *Vigna unguiculata* (L.) Walp. *Journal of Agricultural Science* 102: 323-331.
- Woolley, J.N. and Evans, A.M. (1979). Screening for resistance to *Maruca testulalis* Geyer in cowpea *Vigna unguiculata* (L.) Walp. *Journal of Agricultural Science* 92: 417-425.

Selected technical reports and public information

- (2008) Proposed changes in CPWF governance. Briefing Note 2 for the Consortium Steering Committee. 4pp + 13pp. Prepared with Pamela George.
- (2007) Lessons learnt during the first phase of the Challenge Program on Water and Food (CPWF) 2003-2007. Compiled for the CGIAR Secretariat and Science Council from contributions by CPWF management and coordinators.
- (2003-8) Various reports and papers for the CGIAR Challenge Program on Water and Food that highlight institutional change and Program priorities
- (2005) India: National Agricultural Innovation Project Pre-appraisal Mission for the World Bank. Contribution on design and management of competitive grant process and formation of consortia. 9pp + 12pp.
- (2003) Final report of the Competitive Fund Implementation Unit, prepared for NR International, World Bank and the Ecuadorian Ministry of Agriculture. 120pp + 58 annexes (in Spanish). A comprehensive documentation of actions, lessons learnt and processes used.
- (2002) Monitoring and evaluation system for international strategic alliances and agricultural research projects. A manual for project implementation for the Competitive Fund. NR International/PROMSA. 57pp (in Spanish)
- (2002) PROMSA Competitive Agricultural Research Fund: First results. Full colour booklet. 41pp. (in Spanish)
- (2002) Ecuador consolidates its competitive agricultural research fund: Portfolio of PROMSA international strategic alliances and research projects funded 1999 to 2001. Full colour booklet. 56pp. (in Spanish).
- (2001) Mid-term review of the Foundation for Research and Promotion of Andean Crops (PROINPA) for the Swiss Development Corporation. 25pp (in Spanish). A key institutional and technical review at a critical point in the history of the premier private research foundation in Bolivia.
- (2000) The Competitive Fund stimulates new agreements on agricultural research in Ecuador: Research projects financed in the first call. Full colour booklet. 33pp. (in Spanish).
- (1998) Training program on research in sustainable cropping systems. Project proposal for CIMMYT. 38pp.
- (1996) On-farm research in ICRISAT. Coauthored with Janet Riley. 32pp. Review commissioned as an input to the ICRISAT external review.
- (1996) Sustainable rural development project for marginal areas of Oaxaca state: sustainable production of basic grains and agricultural diversification. Coauthored with Angel Ramos Sanchez. 110pp. (in Spanish). For the World Bank.
- (1996) Diagnosis with farmers: a training guide. Coauthored with Jacques Fremy. 48pp. Based on five training workshops conducted in francophone and anglophone Africa for the world Bank.
- (1995) Feasibility study for a national technical assistance system in Bolivia. Project proposal (English and Spanish) 144 pp and supporting annexes (in Spanish) 160pp. For IBTA Bolivia and Natural Resources Institute as input to World Bank project preparation.
- (1994) India: Institutional options for incorporating farmer participation in agricultural research and extension. 19pp. Working paper for FAO Investment Centre that tested practical techniques as input to the preparation of the National Agricultural Technology Project. 19pp
- (1993) Socio-Economic and Production Systems Survey for the Southern Province Household Food Security Programme, Zambia. 130pp. A precursor to project preparation by the FAO Investment Centre for IFAD.
- (1993) Farmer participatory methods of technology generation, testing and transfer. 55pp. A discussion paper, with suggestions on strategies for Investment Centre involvement in

participatory research and development, prepared to guide project preparation teams working for the FAO Investment Centre, Rome.

- (1993) Bhutan: Western Watershed Conservation and Management Project. Guidelines for the implementation of the pilot conservation and management component (with Michael Wales and Brian Carson) for the FAO/Asian Development Bank Cooperative Program. 75pp. Innovative participatory methods as part of the proposal for an investment project, which was later successfully implemented.

Selected conference proceedings and other publications

- Woolley, J., Huber-Lee, A., Douthwaite, B., and Acosta, A.S. (2007). Science through Partnerships. Invited presentation for the CGIAR Science Forum, Beijing, 4 December 2007
- Woolley, J and Geheb, K. (2007). Implementing HELP in basins with limited resources and capacity: Learning from the experiences of the Challenge Program on Water and Food. Invited keynote presentation for the UNESCO-HELP Conference, Johannesburg, 4-9 November 2007.
- Harrington, L., Douthwaite, B., de Leon, C., and Woolley, J. (2007). Most significant change (MSC): Stories from the field. CGIAR Challenge Program on Water and Food, Colombo.
- Woolley, J. (2006). How research identifies opportunities to finance innovations. Invited presentation for the Regional Water Financing Workshop. Philippines Water Partnership-Global Water Partnership-Asian Development Bank, Manila, 30-31 May 2006.
- Woolley, J. (2006). Moving Forward: Translating the Forum into Practice. Summary presented at the CPWF International Forum on Water and Food, Vientiane, 11-16 November 2006.
- Harrington, L., Gichuki, F., Huber-Lee, A., Humphreys, L., Johnson, N., Nguyen-Khoa, S., Ringler, C., Geheb K., and Woolley, J. (2007). CPWF 2006 synthesis. CGIAR Challenge Program on Water and Food, Colombo, Sri Lanka.
- Woolley, J. (2005). Agricultural water, poverty, partners and river basins: The first two years of the CGIAR Challenge Program on Water and Food. Invited keynote speaker to BOKU University seminar on water management research in Ethiopia.
- Woolley, J. (2005). The concept of virtual water as seen by the CPWF. Invited speaker to SDC workshop on virtual water, Bern, 11 May 2005.
- Woolley, J.N. (1992). Intercropped Mucuna and Dolichos without tillage as green manures and soil cover for small farmers' maize in the lowland humid tropics of Mexico. Proceedings of the Second European Society of Agronomy Congress, Warwick, UK, August 1992.
- Woolley, J.N. (1992). Teaching the planning, execution and analysis of on-farm research in resource management. Proceedings of the International Crop Science Congress, Ames, Iowa, USA, July 1992.
- Woolley, J.N. (1992). La etapa de diseño en la experiencia de los proyectos de investigación en sistemas de producción. Fifth workshop of the international Network for Methodology in Production Systems Research (RIMISP), El Batán, Mexico, June 1992.
- Woolley, J.N. (1992) Del diagnóstico a la acción: metodos para identificar prioridades de investigación en sistemas. CP-ORSTOM Colloquium on Production Systems Research, Montecillos, Mexico, June 1992.
- Woolley, J. (1990). The diagnosis of intercropping problems in farmers' fields and its relation to planning research in S.R. Waddington, A.F.E Palmer and O.T Edje (eds.) Research Methods for Cereal/Legume Intercropping, pp 19-26. CIMMYT, Mexico D.F.
- Woolley, J. (1990). Implementation of on-farm intercrop experiments in S.R. Waddington, A.F.E. Palmer and O.T. Edje (eds.) Research Methods for Cereal/Legume Intercropping, pp 102-104. CIMMYT, Mexico D.F.
- Harrington, L.W., Read, M.D., Garrity, D.P., Woolley, J., and Tripp, R. (1989). Approaches to on-farm client-oriented research: similarities, differences and future directions in S. Sukmana, P. Amir and D.M. Mulyadi (eds.) Developments in Procedures for Farming

- Systems Research: Proceedings of an International Workshop, pp 37-53. Agency for Agricultural Research and Development, Jakarta, Indonesia.
- Woolley, J N, Beltrán, J.A., Román, A.de J and Gallego, C. (1989). Changes in bean yields among experiment stations and the small farms of two target areas of Colombia: implications for on-farm variety testing. Working document for CIAT, Cali, Colombia.
- Woolley, J.N., Beltrán, J.A. and Cabrera, J.L. (1989). The efficiency of selecting bean lines on small farms and an experiment station. Working document for CIAT, Cali, Colombia.
- Woolley, J.N., Beltrán, J.A. and Angulo, N.F. (1989). Differences in results of agronomic trials on maize and beans between an experiment station and small farms of its target area. Working document for CIAT, Cali, Colombia.
- Woolley J. (1988). Integrating on-station and on-farm research. *Entwicklung + landlichler raum* 3/88: 4-6
- Woolley, J.N., Beltrán, J.A., Vallejo, R.A. and Prager, M. (1988). Identifying appropriate technologies for farmers: the case of the bean+maize system in Ipiales, Colombia, 1982-1986. Working Document 31, CIAT, Cali, Colombia. (also in Spanish as CIAT Working Document 32).
- Beltrán, J.A., Woolley, J.N., Tobón, J. H. and Arias, J. (1988). La investigación a nivel de finca: caso del sistema de relevo maíz-frijol en San Vicente, Colombia, 1982-1987. Working Document 33. CIAT, Cali, Colombia.
- Woolley, J.N., Beltrán, J.A., and Melo, M.A. (1988). La investigación a nivel de finca: caso del frijol en Funes, Colombia. Working Document 34, CIAT, Cali, Colombia.
- Woolley, J.N., Beltrán, J.A. and Pantoja, C. (1988). La investigación a nivel de finca: caso del sistema maíz-frijol intercalado en El Tambo, Colombia 1982-1987. Working Document 35. CIAT, Cali, Colombia.
- Woolley, J. (1987). The design of experiments in on-farm research. Draft working document. CIAT, Cali, Colombia. 53pp.
- Woolley, J. and Pachico, D. (1987). Un marco metodológico para la investigación en campos de agricultores in J.N. Woolley (comp.) La investigación de frijol en campos de agricultores de América Latina: memorias de un taller, pp 5-27. Working Document 27. CIAT, Cali, Colombia.
- Woolley. J. and Pachico, D. (1987). The CIAT bean program's approach to systems-based research. in Proceedings of the Workshop on Farming Systems Research (IARCs), pp 41-45. ICRISAT, Hyderabad, India.
- Woolley, J. (1986). Investigación a nivel de finca y producción de semillas para pequeños agricultores: caso de frijol. In Producción de Semillas Mejoradas para Pequeños Agricultores: Memorias, pp 125-132. CIAT, Cali, Colombia.
- Woolley, J. (1985). La evaluación agronómica de ensayos a nivel de finca in C.L. Paul and B.R. DeWalt (eds.) *Sorgo en Sistemas de Producción en América Latina*, pp 232-249. INTSORMIL/CIMMYT, Mexico, D.F.
- Woolley, J. and Pachico, D. (1984). CIAT activities in on-farm research in the eastern and southern Africa region. In Intercenter consultation on on-farm research in eastern and southern Africa, October 1983, pp 14-28. CIMMYT ESA Economics Program, Nairobi, Kenya
- Woolley, J. (1982). Selección e identificación de variedades apropiadas para los pequeños agricultores. in *Semilla Mejorada para el Pequeño Agricultor*, pp 75-80. CIAT, Cali, Colombia.
- Woolley, J. and Rodríguez, W. (1982). Suitability for field storage of traditional and improved genotypes of tropical maize in Central America in Final technical report to the International Fund for Agricultural Development, pp 38-88. Agreement Progress Report 28. CATIE, Turrialba, Costa Rica.
- Woolley, J. and Rodríguez, W. (1982). Rapid prediction of total leaf area by measurement of the ear leaf in a group of diverse tropical and subtropical maize genotype in Final technical report

- to the International Fund for Agricultural Development, pp 67-72. Agreement Progress Report 28. CATIE, Turrialba, Costa Rica.
- Woolley, J. and Rodríguez, W. (1982). A note on the rapid estimation of light penetration through maize canopies of different genotypes in Final technical report to the International Fund for Agricultural Development, pp 73-80. Agreement Progress Report 28. CATIE, Turrialba, Costa Rica.
- Woolley, J. and Rodríguez, W. (1982). Evaluation of genotypes of maize and climbing beans in high altitude zones in Final technical report to the International Fund for Agricultural Development, pp 85-95. Agreement Progress Report 28. CATIE, Turrialba, Costa Rica.
- Woolley, J.N., (1976). Breeding cowpea for resistance to *Maruca testulalis*. Methods and preliminary results. Tropical Grain Legume Bulletin 4: 13-14.