

**Global Chapter 2 References**

- 1  
2  
3 Abidin, P.E., F.A. van Eeuwijk, P. Stam, P.C. Struik, M. Maloetti, R.O.M. Mwanga et al. 2005.  
4 Adaptation and stability analysis of sweet potato varieties for low-input systems in Uganda.  
5 *Plant Breed.* 124 (5):491-497.
- 6 Adipala, E., P. Nampala, J. Karungi, and P. Isubikalu. 2000. A review on options for management  
7 of cowpea pests: Experiences from Uganda. *Integr. Pest Manage. Rev.* 5:185-196.
- 8 Agarwal, B.D. 1979. Maize on-farm research project. 1979 Report. G.B. Pant Univ. Agric. Tech.,  
9 Uttar Pradesh, India.
- 10 Agrow World Crop Protection News. 2005. No. 474. June 17. Available at  
11 <http://www.agrow.co.uk>.
- 12 Agunga, R. 1995. What Ohio extension agents say about sustainable agriculture. *J. Sustain.*  
13 *Agric.* 5(3):169-187.
- 14 Ahmed, F.E. (ed) 1991. *Seafood safety.* Inst. Med., National Academy Press, Washington DC.
- 15 Ahmed, I., and V.W. Ruttan (ed) 1988. *Generation and diffusion of agricultural innovations: The*  
16 *role of institutional factors.* Gower Publ., Aldershot.
- 17 AJEA. 2000. Special issue: Improving agricultural practices and decisions. *Aus. J. Exp. Agric.*  
18 40(4):493-642.
- 19 Akca, H., M. Sayili, and A. Kurunc. 2005. Trade-off between multifunctional agriculture, externality  
20 and environment. *J. Appl. Sci. Res.* 1:298-301.
- 21 Al-Babili, S., and P. Beyer. 2005. Golden Rice – five years on the road- five years to go? *Trends*  
22 *Plant Sci.* 12:565-573.
- 23 Albrecht, H., H. Bergmann, G. Diederich, E. Grosser, V. Hoffmann, P. Keller et al. 1989.  
24 *Agricultural extension: Basic concepts and methods.* Vol. 1. GTZ, Eschborn.
- 25 Albrecht, H., H. Bergman, G. Diederich, E. Grober, V. Hofman, P. Keller et al. 1990. *Agricultural*  
26 *extension: Examples and background material.* Vol. 2. BMZ/GTZ/CTA, Eschborn.
- 27 Alene, A.D., P. Neuenschwander, V. Manyong, O. Coulibaly, and R. Hanna. 2005. The impact of  
28 IITA-led biological control of major pests in sub-Saharan African agriculture: A synthesis of  
29 milestones and empirical results. IITA, Ibadan.
- 30 Alex, G. and D. Byerlee. 2001. Monitoring and evaluation for AKIS Projects: Framework and  
31 options. Available at [http://siteresources.worldbank.org/INTARD/825826-](http://siteresources.worldbank.org/INTARD/825826-1111400636162/20431913/monitoringandeval.pdf)  
32 [1111400636162/20431913/monitoringandeval.pdf](http://siteresources.worldbank.org/INTARD/825826-1111400636162/20431913/monitoringandeval.pdf). World Bank, Washington DC.
- 33 Allaire, G. 1996. Transformation des systèmes d'innovation: Réflexions à partir des Nouvelles  
34 fonctions de l'Agriculture p.1-29. *In* G. Allaire, B. Hubert and A. Langlet (ed) *Nouvelles*  
35 *fonctions de l'Agriculture et de l'Espace Rural; Enjeux et défis identifiés par la recherche.*  
36 INRA Ed., Toulouse.
- 37 Allegri, M. 2002. Partnership of producer and government financing to reform agricultural

- 1 research in Uruguay. *In* D. Byerlee and R.G. Echeverria (ed) *Agricultural research policy in*  
2 *an era of privatization*. CABI Publ., Wallingford.
- 3 Almekinders, C., and N. Louwaars. 1999. Farmers' seed production. *In* *New approaches and*  
4 *practices*. Intermediate Tech. Publ., London.
- 5 Almekinders, C., and A. Elings. 2001. Collaboration of farmers and breeders: Participatory crop  
6 *improvement in perspective*. *Euphytica* 122:525-438.
- 7 Almekinders, C., and J. Hardon (ed) 2006. *Bringing farmers back into breeding. Experiences with*  
8 *participatory plant breeding and challenges for institutionalisation*. AgroSpecial No. 5.  
9 Agromisa, Wageningen.
- 10 Alston, J.M., and P.G. Pardey. 1996. *Making science pay: The economics of agricultural R&D*  
11 *policy*. Am. Enterprise Inst., Washington DC.
- 12 Altieri, M., 1985. *Developing pest management strategies for small farmers based on traditional*  
13 *knowledge*. *Bull. Inst. Dev. Anthropol.* 3:13-18.
- 14 Altieri, M. 1987. *Agroecology: The scientific basis of alternative agriculture*. Westview Press,  
15 Boulder.
- 16 Altieri, M. 1993. *Ethnoscience and biodiversity: key elements in the design of sustainable pest*  
17 *management systems for small farmers in developing countries*. *Agric. Ecosyst. Environ.*  
18 *46:257-272*.
- 19 Altieri, M. 1999. *Applying agroecology to enhance the productivity of peasant farming systems in*  
20 *Latin America*. *Environ. Dev. Sustain.* 1:197-217.
- 21 Altieri, M. and D.K. Letourneau. 1982. *Vegetation management and biological control in*  
22 *agroecosystems*. *Crop Prot.* 1:405-430.
- 23 Altieri, M., and O. Masera. 1993. *Sustainable rural development in Latin America: Building from*  
24 *the bottom up*. *Ecol. Econ.* 7:93-121.
- 25 Altieri, M., P.M. Rosset and C.I. Nicholls. 1997. *Biological control and agricultural modernization:*  
26 *Towards resolution of some contradictions*. *Agric. Human Values* 14:303-310.
- 27 Altieri, M. and C. Nicholls. 2004. *Biodiversity and pest management in agroecosystems*. Food  
28 Products Press, NY.
- 29 Amalu, U.C. 2002. *Food security: Sustainable food production in sub-Saharan Africa*. *Outlook*  
30 *Agric.* 31:177-185.
- 31 Amanor, K.K., W. de Boef, and A. Bebbington. 1993. *Genetic diversity, farmer experimentation*  
32 *and crop research*. p. 1-13. *In* W. de Boef et al. (ed) *Cultivating knowledge*. Intermediate  
33 Tech. Publ., London.
- 34 Amilien, V. 2005. *Preface: About local food*. *Anthropol. Food* 4.
- 35 Amin, M. and Mabe, M. 2000 *Impact factors: Use and abuse*. *Perspect. Publ.* 1:1-6.
- 36 Anderson, M. 1990. *Farming with reduced synthetic chemicals in North Carolina*. *Am. J.*  
37 *Alternative Agric.* 5(2):60-68.

- 1 Anderson, J.R., G. Feder, and S. Ganguly. 2006. The rise and fall of training and visit (T&V)  
2 extension: An Asian mini-drama with an African epilogue. p.149-174. *In* A. Van den Ban and  
3 R.K. Samanta (ed) 2006. Changing roles of agricultural extension in Asian nations. B.R.  
4 Publ., Delhi.
- 5 Anderson, R.A., E. Levy, and B.M. Morrison.1991. Rice science and development politics.  
6 Research strategies and IRRI's technologies confront Asian diversity (1950-1980).  
7 Clarendon Press, Oxford.
- 8 Annerstedt, J. 1994. Measuring science, technology and innovation. *In* J.-J. Salomon,  
9 et al. (ed) The uncertain quest: Science, technology and development. UN Univ. Press,  
10 Tokyo.
- 11 Antle, J.M., D.C. Cole, and C.C. Crissman. 1998. Further evidence on pesticides, productivity and  
12 farmer health: Potato production in Ecuador. *Agric. Econ.* 2(18):199-208.
- 13 Appleton, H. (ed) 1995. Do it herself: Women and technical innovation. Intermediate Tech. Publ.,  
14 London.
- 15 Aranja, A.C.P. and Telles, D.L. 1999. Endosulfan residues in Brazilian tomatoes and their impact  
16 on public health and the environment. *Bull. Environ. Contamin. Toxicol.* 62:671-676.
- 17 Araya, A. 2000. Masipag farmers bring nature back to farming. Available at  
18 [http://www.cyberdyaryo.com/features/f2000\\_0620\\_01.htm](http://www.cyberdyaryo.com/features/f2000_0620_01.htm). CyberDyaryo.
- 19 Arnold, E. and M. Bell. 2001. Some new ideas about research for development. p. 279-316. *In*  
20 Partnership at the leading edge: A Danish vision for knowledge, research and development.  
21 Danish Min. Foreign Affairs, Copenhagen.
- 22 Asante, S.K., and M. Tamo. 2001. Integrated management of cowpea insect pests using elite  
23 cultivars, date of planting and minimum insecticide application. *Afr. Crop Sci. J.* 9(4):655-665.
- 24 Aslam, A. 1996. Environment-food: Groups blast World Bank pesticides policy. [Online]. Available  
25 at [www.link.no/ips/eng/intro.html](http://www.link.no/ips/eng/intro.html). Inter Press Service, Washington DC.
- 26 Ascroft, J., N. Röling, J. Kariuki, and F. Wa Chege. 1973. Extension and the forgotten farmer.  
27 *Bull. van de Afdelingen Soc. Wetenschappen.* No. 37. Wageningen Landbouwhogeschool,  
28 Wageningen.
- 29 Ashby, J. 1986. Methodology for the participation of small farmers in the design of on-farm trials.  
30 *Agric. Admin. Extension* 22(1):1-19.
- 31 Ashby, J. 2003. Introduction: Uniting science and participation in the process of innovation -  
32 research for development. p. 1-19. *In* B. Pound et al. (ed) Managing natural resources for  
33 sustainable livelihoods. Uniting science and participation. Available at  
34 [http://www.idrc.ca/en/ev-43431-201-1-DO\\_TOPIC.html](http://www.idrc.ca/en/ev-43431-201-1-DO_TOPIC.html). IDRC, Earthscan, UK.
- 35 Ashby, J.A., and N. Lilja. 2004. Participatory research: Does it work? Evidence from participatory  
36 breeding. *In* New directions for a diverse planet. Proc. 4<sup>th</sup> Int. Crop Sci. Cong., 26 Sep – 1  
37 Oct 2004, Brisbane. [CDROM]. Web site [www.cropscience.org.au](http://www.cropscience.org.au).

- 1 Atchoarena, D., and L. Gasperini. 2002. Education for rural development: Towards new policy  
2 responses. FAO/IIEP-UNESCO, Paris.
- 3 Atkinson, R.C., R.N. Beachy, G. Conway, F.A. Cordova, M.A. Fox, K.A.. Holbrook et al. 2003.  
4 Intellectual property rights: Public sector collaboration for IP management. *Science* 301:174-  
5 175.
- 6 Atlin, G.N., M. Cooper, and Å. Bjørnstad. 2001. A comparison of formal and participatory  
7 breeding approaches using selection theory. *Euphytica* 122:463-475.
- 8 Atanassov, A. 2004. To reach the poor. Next harvest study on genetically modified crops, public  
9 research and policy implications. EPTD Disc. Pap. 116. IFPRI, Washington DC.
- 10 Atteh, O.D. 1984. Nigerian farmers' perception of pests and pesticides. *Insect Sci. Appl.* 5:213-  
11 220.
- 12 Ayalew, M., 1997. What is food security and famine and hunger. *Internet J. Afr. Studies.* Issue  
13 No. 2, Mar. Available at [www.brad.ac.uk/research/ijasno2/ayalew.html](http://www.brad.ac.uk/research/ijasno2/ayalew.html).
- 14 BAAS (British Assoc. Advancement of Science). 1999. Evidence to the House of Lords Select  
15 Committee on Science and Technology inquiry into society's relationship with science.  
16 Available at  
17 <http://www.publications.parliament.uk/pa/ld199900/ldselect/ldsctech/38/3801.htm>. UK  
18 Parliament, London.
- 19 Badgley, C., J. Moghtader, E. Quintero, E. Zakem, J. Chappell, K. Avilés-Vázquez et al. 2007.  
20 Organic agriculture and the global food supply. *Renewable Agric. Food Syst.* 22:86-108.
- 21 Baerselman, F. 1992. The Dutch multi-year crop protection plan (MJP-G): A contribution towards  
22 sustainable agriculture. p. 141-147. *In* J.C. van Lenteren et al. (ed) *Biological control and*  
23 *integrated crop protection: Towards environmentally safer agriculture.* Proc. Int. Conf.  
24 organized by IOBC/WPRS. Veldhoven, Netherlands. 8-13 Sept. 1991. PUDOC,  
25 Wageningen.
- 26 Baker, B.P., C.M. Benbrook, E. Groth, and K. Lutz. 2002. Pesticide residues in conventional,  
27 integrated pest management (IPM)-grown and organic foods: Insights from three US data  
28 sets. *Food Additives Contamin.* 19:427-446.
- 29 Ball, J., J. Carle, and A. Del Lungo. 2005. Contribution of poplars and willows to sustainable  
30 forestry and rural development. *Unasylva* 56:3-9.
- 31 Balasubramanian, A.V., and T.D. Nirmala Devi (ed) 2006. *Traditional knowledge systems of India*  
32 *and Sri Lanka.* Center Indian Knowledge Syst., Chennai.
- 33 Barbier, M., and B. Lémery. 2000. Learning through processes of change in agriculture: A  
34 methodological framework. p. 381-393. *In* M. Cerf et al. (ed) *Cow up a tree: Knowing and*  
35 *learning for change in agriculture, case studies from industrialised countries.* INRA Ed.,  
36 Paris.

- 1 Barbottin M., M. Le Bail, and M.H. Jeuffroy, 2006. Evaluation of the Azodyn crop model for  
2 cultivar decision support. *Agron. Sustain. Dev.* 26:107-115.
- 3 Barnett, A. 2004. From 'research' to poverty reducing 'innovation'. *Sussex Res. Assoc.*, Brighton.
- 4 Barrett, B., P. Marenya, J. McPeak, B. Minten, F. Murithi, W. Oluoch-Kosura et al. 2006. Welfare  
5 dynamics in rural Kenya and Madagascar. *J. Dev. Studies* 42(2):248-277.
- 6 Barsky, O. 1984. *Acumulación campesina en el Ecuador: Los productores de papa del Carchi.*  
7 *Facultad Latinoamericana de Ciencias Sociales*, Quito.
- 8 Barzman, M., and S. Desilles. 2002. Diversifying rice-based systems and empowering farmers in  
9 Bangladesh using the farmer field school approach. Chapter 16. *In* N. Uphoff (ed)  
10 *Agroecological innovations: Increasing food production with participatory development.*  
11 Earthscan, London.
- 12 Baum, W. 1986. *Partners against hunger: CGIAR, World Bank, Washington DC.*
- 13 Bavec, F., and M. Bavec, 2006. *Organic production and use of alternative crops.* CRC Press,  
14 Atlanta.
- 15 Bawden, R. 1995. On the systems dimension of FSR. *J. Farming Syst. Res. Extension* 5(2):1-19.
- 16 Bawden, R.J. and, R. Packam. 1993. Systemic praxis in the education of the agricultural systems  
17 practitioner. *Systemic Practice Actions Res.* 6:7-19.
- 18 Beal, G.M., W. Dissanayake, and S. Konoshima (ed) 1986. *Knowledge generation, exchange and*  
19 *utilization.* Westview Press, Boulder.
- 20 Bebbington, A., and G. Thiele (ed) 1993. *Non-governmental organizations and the State in Latin*  
21 *America: Rethinking roles in sustainable agriculture development.* Routledge, London.
- 22 Bebbington, A., D. Lewis, S. Batterbury, E. Olson, and M.S. Siddiqi. 2007. Of texts and practices:  
23 Empowerment and organisational cultures in World Bank-funded rural development  
24 programmes. *J. Dev. Studies* 43(4):597-621.
- 25 Beck, U., A. Giddens, and S. Lash. 1994. *Reflexive modernization. Politics, tradition and*  
26 *aesthetics in the modern social order.* Polity Press, Cambridge.
- 27 Beintema, N., and G-J. Stads. 2006. *Agricultural R&D investments in sub-Saharan Africa: An era*  
28 *of stagnation.* IFPRI, Washington DC.
- 29 Bell, R.W. 2004. Importance of micronutrients in crop nutrition. *IFA Int. Symp. on Micronutrients*  
30 *New Delhi. 23-25 Feb 2004. Int. Fertilizer Industry Assoc.*
- 31 Bellon, M.R. 1996. The dynamics of crop infraspecific diversity: A conceptual framework at the  
32 farmer level. *Econ. Bot.* 50:26-39.
- 33 Bellon, M.R., J.L. Pham, and M.T. Jackson. 1997. Genetic conservation: a role for rice farmers. p.  
34 263–289. *In* N. Maxted et al. (ed) *Plant conservation: The in situ approach.* Chapman and  
35 Hall, London.
- 36 Bellows, T.S., and T.W. Fisher (ed) 1999. *Handbook of biological control.* Academic Press, San  
37 Diego.

- 1 Benbrook, C. 2004. Genetically engineered crops and pesticide use in the United States: The first  
2 nine years. BioTech Infonet Tech. Pap. 7. Available at [http://www.biotech-  
4 info.net/Full\\_version\\_first\\_nine.pdf](http://www.biotech-<br/>3 info.net/Full_version_first_nine.pdf).
- 4 Benoit-Cattin, M. 1991. Ideological and institutional antecedents of the new agricultural policy. p.  
5 59-68. *In* C. Delgado, S. Jammeh (ed) *The political economy of Senegal under structural  
6 adjustment*. Praeger, NY.
- 7 Benor, D., J.Q. Harrison, and M. Baxter. 1984. *Agricultural extension: The training and visit  
8 system*. The World Bank, Washington DC.
- 9 Bentley, J.W. 1994. Fact, fantasies and failures of farmers participatory research. *Agric. Human  
10 Values* 11(2-3):140-150.
- 11 Bérard, L., and P. Marchenay. 1995. Tradition, regulation and intellectual property: local  
12 agricultural products and foodstuffs in France. p. 230-243. *In* S.B. Brush, D. Stabinsky (ed)  
13 *Valuing local knowledge. Indigenous people and intellectual property rights*. Island Press,  
14 Washington DC.
- 15 Berdahl, R. 2000. The privatization of public universities. Lecture presented at Erfurt Univ. Erfurt,  
16 Germany. 23 May 2000. Available at  
17 <http://cio.chance.berkeley.edu/chancellor/sp/privatization.htm>. Univ. California Regents,  
18 Berkeley.
- 19 Berger, P.L., and T. Luckmann. 1966. *The social construction of reality: A treatise in the sociology  
20 of knowledge*. Doubleday, NY.
- 21 Berkes, F., and C. Folke (ed) 1998. *Linking social and ecological systems. Management practices  
22 and social mechanisms for building resilience*. Cambridge Univ. Press, UK.
- 23 Bern, C., B. Hernandez, M.B. Lopez, M.J. Arrowood, M. Alvarez de Mejia, A.M. De Merida et al.  
24 1999. Epidemiologic studies of *Cyclospora cayetanensis* in Guatemala. *Emerging Infect. Dis.*  
25 5:766-74.
- 26 Bettles, F. 1980. *Women's access to agricultural extension services in Botswana*. Min. Agric.,  
27 Dept. of Land Services, Gaborone.
- 28 Bhowmik Prasanta, C. 1999. Herbicides in relation to food security and environment: A global  
29 perspective. *Ind. J. Weed Sci.* 31(3,4):111.
- 30 Biggs, M. 1990. The impact of peer review on intellectual freedom. *Library Trends* 39(1-2):145-  
31 167.
- 32 Biggs, S.D. 1978. Planning rural technologies in the context of social structures and reward  
33 systems. *J. Agric. Econ.* 24(3):257-274.
- 34 Biggs, S.D. 1980. On-farm research in an integrated agricultural technology development system:  
35 A case study of triticale for the Himalayan Hills. *Agric. Admin.* 7(2):133-145.
- 36 Biggs, S.D. 1982. Generating agricultural technology: Triticale for the Himalayan Hills. *Food  
37 Policy* 7(1):69-82.

- 1 Biggs, S.D. 1983. Monitoring and control in agricultural research systems: Maize in Northern  
2 India. *Res. Policy* 12:37-59.
- 3 Biggs, S.D. 1989. Resource-poor farmers participation in research: A synthesis of experiences  
4 from nine national agricultural research systems. OFCOR Comparative Study Pap. 3.  
5 ISNAR, The Hague.
- 6 Biggs, S.D. 1995. Participatory technology development: A critique of the new orthodoxy.  
7 AVOCADO Series 06/95. Olive Org. Dev. Training, Durban.
- 8 Biggs, S. 2006. Learning from the positive to reduce rural poverty: Institutional innovations in  
9 agricultural and natural resources research and development. Impact Assessment  
10 Workshop. 19-21 Oct 2005. CIMMYT, Mexico.
- 11 Biggs, S., and J. Farrington. 1991. Agricultural research and the rural poor. A review of social  
12 science analysis. IDRC. Ottawa.
- 13 Bigler F., D. Babendreier, and U. Kuhlmann. (ed) 2006. Environmental impact of invertebrates for  
14 biological control of Arthropods: Methods and risk assessment.  
15 CABI, Wallingford.
- 16 Bills, P.S., D. Mota-Sanchez, and M. Whalon. 2003. Background to the resistance database.  
17 Available at [www.cips.msu.edu/resistance](http://www.cips.msu.edu/resistance). Michigan State Univ., East Lansing MI.
- 18 Bindraban, P., and R. Rabbinge. 2005. Development perspectives for agriculture in Africa:  
19 Technology on the shelf is inadequate. North-South Disc. Pap. WUR, Wageningen.
- 20 Bingen, J. 2004. Pesticides, politics and pest management: Toward a political ecology of cotton in  
21 Sub-Saharan Africa. p. 111-126. *In* W.G. Moseley and B.I. Logan (ed) African environment  
22 and development: Rhetoric, programs, realities. Ashgate Publ., Aldershot, UK.
- 23 Bingen, R.J., and D.W. Brinkerhoff. 2000. Agricultural research in Africa and the Sustainable  
24 Financing Initiative. Tech. Pap. 112. Office Sustain. Dev. Bur. Africa. USAID, Washington  
25 DC.
- 26 Blackburn, D.J. (ed) 1994. Extension handbook: Processes and practices for change  
27 professionals. Univ. Guelph, Ontario.
- 28 Blackmore, C.P., R. Ison and J. Jiggins (ed) 2007. Social learning: an alternative policy  
29 instrument for managing in the context of Europe's water. Special Issue. *Environ. Sci. Policy*  
30 10(6):493-586.
- 31 Blandford, D., and R.N. Boisvert. 2002. Multifunctional agriculture and domestic/international  
32 policy choice. *Estey Centre J. Int. Law Trade Pol.* 3:106-118.
- 33 Blobaum, R. 1983. Barriers to conversion to organic farming practices in the Midwestern United  
34 States. p. 263-278. *In* W. Lockeretz (ed) Environmentally sound agriculture. Praeger Publ.,  
35 NY.

- 1 Blobaum, R. 1997. Publicly funded models supporting sustainable agriculture: Four model  
2 profiles. Chapter 12. p. 193-203. *In* J. Madden, S. Chaplowe (ed) *For all generations: Making*  
3 *world agriculture more sustainable*. OM Publ., Glendale CA.
- 4 Blokker, K., S. Bruin, J. Bryden, I. Houseman, C. Okkerse, C. Van Der Meer et al. 1990.  
5 *Agricultural policy and strategic investment in information technology*. Knowled. Tech. Policy  
6 3(3):76-83.
- 7 BOA (Board on Agriculture). 1995. *Colleges of agriculture in the land grant universities: A profile*.  
8 Nat. Academy Press, Washington DC.
- 9 Boettner, G., J. Elkinton, and C. Boet. 2000. Effects of a biological control introduction on three  
10 non-target native species of saturnid moths. *Conserv. Biol.* 14:1998-1806.
- 11 Bok, D. 2003. *Universities in the marketplace. The commercialization of higher education*.  
12 Princeton Univ. Press, Princeton NJ.
- 13 Bokonon-Ganta, A.H., H. de Groote, and P. Neuenschwander. 2002. Socio-economic impact of  
14 biological control of mango mealybug in Benin. *Agric. Ecosyst. Environ.* 93:367-378.  
15 Available at  
16 <http://www2.hawaii.edu/~messing/Publications/Impact%20mango%20mealybug%20biocontr>  
17 [ol.pdf](http://www2.hawaii.edu/~messing/Publications/Impact%20mango%20mealybug%20biocontrol.pdf)
- 18 Bonneuil, C., and E. Demeulenaere. 2007. Vers une génétique de pair à pair ? L'émergence de la  
19 sélection participative. p. 122-147. *In* F. Charvolin et al. (ed) *Des sciences citoyennes? La*  
20 *question de l'amateur dans les sciences naturalistes*. Available at  
21 [http://www.environnement.ens.fr/perso/demeu/pdfs/BONNEUIL\\_DEMEULENAERE2007\\_in](http://www.environnement.ens.fr/perso/demeu/pdfs/BONNEUIL_DEMEULENAERE2007_in)  
22 [Charvolin.pdf](http://www.environnement.ens.fr/perso/demeu/pdfs/BONNEUIL_DEMEULENAERE2007_in_Charvolin.pdf). Ed. de l'Aube, La Tour d'Aigues.
- 23 Bookchin, M. 1990. *Remaking society: Pathways to a green future*. South End Press, Boston.
- 24 Bordons, M., and I. Gómez. 2002. Advantages and limitations in the use of impact factor  
25 measures for the assessment of research performance in a peripheral country.  
26 *Scientometrics* 53:195-206.
- 27 Borrini-Feyerband, G., M. Pimbert, M.T. Farvar, A. Kothari, and Y. Renard. 2004. *Sharing power.*  
28 *Learning by doing in co-management of natural resources throughout the world*. IIED and  
29 IUCN/CEESP/CMWG, Paris.
- 30 Bourdieu, P. 1988. *Homo academicus*. Stanford Univ. Press, CA.
- 31 Borlaug, N.E., and C.R. Dowsell. 1995. Mobilising science and technology to get agriculture  
32 moving in Africa. *Dev. Policy Rev.* 13(2):115-29.
- 33 Boven, K. and J. Mordhashi (ed) 2002. *Best practices using indigenous knowledge*. Available at  
34 <http://www.unesco.org/most/Bpikpub2.pdf>. NUFFIC, The Hague and UNESCO/MOST,  
35 Paris.
- 36 Boyce, J.K., P. Rosset, and E.A. Stanton. 2005. *Land reform and sustainable development*.  
37 *Working Pap. Ser. 98*. Available at



- 1 [http://www.peri.umass.edu/fileadmin/pdf/working\\_papers/working\\_papers\\_51-100/WP98.pdf](http://www.peri.umass.edu/fileadmin/pdf/working_papers/working_papers_51-100/WP98.pdf).
- 2 Political Econ. Res. Inst., Univ. Massachusetts, Amherst.
- 3 Braun, A. 2006. Inventory of farmer study group initiatives in Africa. A synthesis report. ENDELEA  
4 (SIDA), Wageningen.
- 5 Braun, A.R., J. Jiggins, N. Roling, H. van den Berg, P. Snijders. 2006. A global survey and review  
6 of farmer field school experiences. Available at  
7 <http://www.infobridge.org/asp/documents/1880.pdf>. ILRI (ENDELEA), Wageningen.
- 8 Brennan, M., C. Pray, A. Naseem, and J.F.Oehmke. 2005. An innovation market approach to  
9 analyzing impacts of mergers and acquisitions in the plant biotechnology industry.  
10 *AgBioForum* 8:89-99.
- 11 Breusers, M. 1998. On the move. Mobility, land use and livelihood practices on the Central  
12 Plateau in Burkina Faso. Publ. PhD thesis. Agric. Univ., Wageningen.
- 13 Brewer, M.J., R.J. Hoard, J.N. Landis, and L.E. Elworth. 2004. The case and opportunity for  
14 public-supported financial incentives to implement integrated pest management. *J. Econ.*  
15 *Entomol.* 97(6):1784.
- 16 Brewster, A.L., A.R. Chapman, and S.A. Hansen. 2005. Facilitating humanitarian access to  
17 pharmaceutical and agricultural revolution. *Innovation Strategy Today* 1(3):203-216.
- 18 BRF (Federal Institute for Risk Assessment of Germany). 2004. The return of the germs.  
19 Available at <http://www.bgvv.de/cms5w/sixcms/detail.php/4217>.
- 20 Bridges, D. (ed) 1992. Crop losses due to weeds in Canada and the United States. *Weed Sci.*  
21 *Soc. Amer.*, Champaign IL.
- 22 Brimblecombe, P. and C. Pfister. 1993. The silent countdown: Essays in European environmental  
23 history. Springer-Verlag, Berlin.
- 24 Briolini, G. 1992. IPM in Italy with particular reference to the Emilia-Romagna region. p. 181-186.  
25 *In: J.C. van Lenteren et al. (ed) Biological control and integrated crop protection: Towards*  
26 *environmentally safer agriculture. Proc. Int. Conf. Veldhoven, Netherlands. 8-13 Sept. 1991.*  
27 *PUDOC, Wageningen.*
- 28 Broad, R. 2006. Research, knowledge, and the art of paradigm maintenance: The World Bank's  
29 Development Economics Vice-Presidency (DEC). *Rev. Int. Politic. Econ.* 13(3):387-419.
- 30 Brouwer, F. (ed) 2004. Sustainable agriculture and the rural environment: Governance, policy and  
31 multifunctionality. Edward Elgar Publ., Northampton MA.
- 32 Brouwer, J., L. Fussell and L. Hermann. 1993. Soil and crop growth micro-variability in the West  
33 African semi-arid tropics: A possible risk-reducing factor for subsistence farmers. *Agric.*  
34 *Ecosyst. Environ.* 45:229-238.
- 35 Brouwers, J.H.A.M. 1993. Rural people's response to soil fertility decline: The Adja case (Benin).  
36 Publ. PhD thesis. WAU Pap. 93/94. Wageningen Univ., Wageningen.

- 1 Brown, A.H.D. 2000. The genetic structure of crop landraces and the challenge to conserve them  
2 in situ on farms. p. 29-48. *In* S.B. Brush (ed.) *Genes in the field: On-farm conservation of*  
3 *crop diversity*. Int. Dev. Res. Center Plant Genetic Resour. Inst. Lewis Publ., US.
- 4 Brown, B.J., and G.G. Marten. 1986. The ecology of traditional pest management in southeast  
5 Asia. Working Pap., East-West Center, Honolulu.
- 6 Bruinsma, J. (ed) 2003. *World agriculture: Towards 2015/2030 – An FAO Perspective*. FAO,  
7 Rome.
- 8 Brush S., 1991. A farmer-based approach to conserving crop germplasm. *Econ. Bot.* 45:153-165.
- 9 Brush, S.B. 2003. The demise of 'common heritage' and protection for traditional agricultural  
10 knowledge. Available at <http://law.wustl.edu/centeris/Confpapers/PDFWrdDoc/StLouis1.pdf>.  
11 Washington Univ., St. Louis.
- 12 Brush, S.B. 2005. Farmer's rights and protection of traditional agricultural knowledge. CAPRI  
13 Working Pap. 36. Available at <http://www.capri.cgiar.org>. CGIAR, Washington DC.
- 14 Brush, S.B, M.B. Corrales, and E. Schmidt. 1988. Agricultural development and maize diversity in  
15 Mexico. *Human Ecol.* 16(3):307-328.
- 16 Buck, L. 1990. Planning agro-forestry extension projects: The CARE international approach in  
17 Kenya. p. 101-131. *In* W.W. Budd et al. (ed) *Planning for agroforestry*. Elsevier, Amsterdam.
- 18 Buck, L.E., J.P. Lassoie, E.C.M. Fernandes (ed) 1998. *Agroforestry in sustainable agricultural*  
19 *systems*. Lewis Publ., CRC Press, Boca Raton.
- 20 Buck, L.E., C.G. Geisler, J.W. Schelhas, and E. Wollenberg (ed) 2001. *Biological diversity:*  
21 *Balancing interests though adaptive collaborative Management*. CRC Press, Boca Raton.
- 22 Budd, W.W., I. Duchart, L. Hardesty, and F. Steiner. 1990. *Planning for agroforestry*. Elsevier,  
23 Amsterdam.
- 24 Bunch, R. 1982. *Two ears of corn: A guide to people-centered agricultural improvement*. World  
25 Neighbors, Oklahoma City.
- 26 Bunch, R., and G.V. Lopez. 1994. *Soil recuperation in Central America: Measuring the impact*  
27 *four and forty years after intervention*. IIED, London.
- 28 Bunyatta, D.K., J.G. Mureithi, C.A. Onyango, and F.U. Ngesa. 2005. Farmer field school as an  
29 effective methodology for disseminating agricultural technologies: Up-scaling of soil  
30 amange,ent technoogies in Trans-Nzoia District, Kenya. p. 515-526. *In* Proc. 21<sup>st</sup> Ann. Conf.  
31 Assoc. Int. Agric. Ext. Educ. San Antonio TX.
- 32 Busch, L., R. Allison, C. Harris, A. Rudy, B.T. Shaw, T.T en Eyck et al. 2004. External review of  
33 the collaborative research agreement between Novartis Agricultural Discovery Institute, Inc.  
34 and The Regents of the Univ. California. Inst. Food Agric. Standards, Michigan State Univ.,  
35 East Lansing.
- 36 Buvinic, M., and N. Youssef. 1978. *Women headed households: The ignored factor in*  
37 *development planning*. Rep. Off. Women Dev., USAID, Washington DC.

- 1 Bye, R.A. 1981. Qualities—ethnoecology of edible greens - past, present and future. J.  
2 Ethnobiol. 1:109-114.
- 3 Byerlee, D. 1992. Technical change, productivity and sustainability in irrigated cropping systems  
4 of South-Asia: Emerging issues in the post-green revolution era. J. Int. Dev. 4(5):477-496.
- 5 Byerlee, D. 1998. The search for a new paradigm for the development of national agricultural  
6 research systems. World Dev. 26(6):1049-1055.
- 7 Byerlee, D., and G.E. Alex. 1998. Strengthening national agricultural research systems, policy  
8 issues and good practice. World Bank, Washington DC.
- 9 Byerlee, D., and R. Echeverria (ed) 2002. Agricultural research policy in an era of privatization.  
10 CABI Publ., UK.
- 11 Cahill, C. 2001. The multifunctionality of agriculture: What does it mean? EuroChoices 1(1):36-41.
- 12 Calvora, R.G. 1988. Science in its confrontation with society. Impact of Sci. Society 38(151):231-  
13 238.
- 14 Campbell, A. 1992. Taking the long view in tough times: Landcare in Australia. Third Annual Rep.  
15 Nat. Landcare Facilitator. Nat. Soil Conserv. Prog., Canberra.
- 16 Campbell, A. 1994. Landcare. Communities shaping the land and the future. Allan and Unwin, St.  
17 Leonards, Australia.
- 18 CAP (Center for American Progress)/OMB Watch. 2004. Special interest takeover: The Bush  
19 administration and the dismantling of public safeguards [Online]. Available at  
20 <http://www.sensiblesafeguards.org/pdfs/finalreport.pdf>. CAP and OMB Watch, Washington  
21 DC.
- 22 Carloni, A. 1983. Integration of women in agricultural projects. Case studies of ten FAO-assisted  
23 field projects. FAO, Rome.
- 24 Carney, J. (ed) 1993. Low input sustainable agriculture in Cuba. Special Issue. Agric. Human  
25 Values 10:3.
- 26 Carr, S.J. 1989. Technology for small scale farmers in sub-Saharan Africa. Tech. pap. 109. The  
27 World Bank, Washington DC.
- 28 Carson, R. 1962. Silent Spring. Houghton Mifflin, Boston.
- 29 Castells, M. 1993. The university system: Engine of development in the new world economy. *In* A.  
30 Ransom et al. (ed) Improving higher education in developing countries. Econ. Dev. Inst.  
31 Seminar Ser. World Bank, Washington DC.
- 32 Castleman, B. and R. Lemen. 1998. The manipulation of international scientific organizations. Int.  
33 J. Occup. Environ. Health 4:53-55.
- 34 Cate, J.R., and M.K. Hinkle. 1994. Integrated Pest Management: The path of a paradigm. Nat.  
35 Audubon Soc., Washington DC.

- 1 Cattaneo, M.G., C. Yafuso, C.Schmidt, C. Huang, M.Rahman, C. Olson et al. 2006. Farm-scale  
2 evaluation of the impacts of transgenic cotton on biodiversity, pesticide use and yield. PNAS  
3 103:7571-7576.
- 4 CBD. 1994. Convention on Biological Diversity, UNEP/CBD/94/1. Secretariat CBD, Montreal.  
5 CEC (Comm. Environ.Cooperation). 2004. Maize and biodiversity: The effects of transgenic  
6 maize in Mexico. Available at <http://www.cec.org/maize/> .
- 7 Ceccarelli, S., S. Grando, R. Tutwiler, J. Baha, A.M. Martini, H. Salahieh et al. 2000. A  
8 methodological study on participatory barley breeding. I. Selection phase. Euphytica 111:91-  
9 104.
- 10 Ceccarelli, S., S. Grando, A. Amri, T.A. Asad, A. Benbelkacem, M. Ilarrabi et al. 2001a.  
11 Decentralized and participatory plant breeding for marginal environments. p.115-136. *In* D.  
12 Cooper et al. (ed) Broadening the genetic base of crop production. CABI, Wallingford.
- 13 Ceccarelli, S., S. Grando, E. Bailey, A. Amri, M. El-Felah, F. Nassif et al. 2001b. Farmer  
14 participation in barley breeding in Syria, Morocco and Tunisia. Euphytica 122:521-536.
- 15 Ceccarelli, S., D.A. Cleveland, and D. Soleri. 2002. Farmers, scientists and plant breeding.  
16 Integrating knowledge and practice. Univ. California Press, Santa Barbara.
- 17 Ceccarelli, S., S. Grando, M. Singh, M. Michael, A. Shikho, M. Al Issa et al. 2003. A  
18 methodological study on participatory barley breeding II. Response to selection. Euphytica  
19 133:185–200.
- 20 Ceccarelli, S., and S. Grando. 2007. Decentralized-participatory plant breeding: An example of  
21 demand driven research. Euphytica 155:349-360.
- 22 Cernea, M.M., and A. Kassam (ed) 2006. Researching the culture of agri-culture: Social science  
23 research for international development. CABI, UK.
- 24 Cernea, M. 1994. Sociology, anthropology and development: An annotated bibliography of World  
25 Bank Publications 1975-1993. World Bank, ESD Mono. Ser. 3. Washington DC.
- 26 CGIAR. 2000. Equity, well-being and ecosystem health. Participatory research for natural  
27 resource management. CGIAR Prog. Participatory Res. Gender Analysis. CIAT, Cali.
- 28 CGIAR. 2001. Designing and implementing challenge programmes. Rep. CGIAR Interim Exec.  
29 Council. 30 Aug 2001. CGIAR, Washington DC.
- 30 CGIAR TAC. 2000. An evaluation of the impact of integrated pest management research at  
31 international agricultural research centres. FAO. Rome.
- 32 Chabi-Olaye, A., C. Nolte, F. Schulthess, and C. Borgemeister. 2005. Relationships of  
33 intercropped maize, stem borer damage to maize yield and land-use efficiency in the humid  
34 forest of Cameroon. Bull. Entomol. Res. 95:417-427.
- 35 Chacon, J.C., and S.R. Gliessman. 1982. Use of the non-weed concept in traditional tropical  
36 agroecosystems of south-eastern Mexico. Agroecosystems 8:1-11.
- 37 Chambers, R. 1974. Managing rural development. Scand. Inst. Afr. Studies, Uppsala.

- 1 Chambers, R. 1981. Rapid rural appraisal: Rationale and repertoire. *Public Admin. Dev.*  
2 1:95-106.
- 3 Chambers, R. 1983. *Rural development: Putting the last first*. Longman, London.
- 4 Chambers, R., and M. Howes. 1979. Rural development: Whose knowledge counts? *IDS Bull.*  
5 10(2).
- 6 Chambers, R., and B.P. Ghildyal. 1985. Agricultural research for resource-poor farmers: the  
7 farmer-first-and-last model. *Agric. Admin. Ext.* 20:1–30.
- 8 Chambers, R., and J. Jiggins. 1986. Agricultural research for resource-poor farmers: A  
9 parsimonious paradigm. *IDS Disc. Pap.* 220. *Inst. Dev. Studies*, Brighton (Sussex).
- 10 Chunyanuwat, P. 2005. Thailand Country Report. *In Proc. Asia Workshop on the Implementation,*  
11 *Monitoring and Observance of the Int. Code of Conduct on the Distribution and Use of*  
12 *Pesticides*. Available at: <http://www.fao.org/docrep/008/af340e/af340e0l.htm#bm21>. FAO,  
13 Rome.
- 14 Chapagain, A.K., and A.Y. Hoekstra. 2003. Virtual water flows between nations in relation to  
15 trade in livestock and livestock products. *Value Water Res. Rep. Ser.* 13. UNESCO-IHE, Delft.
- 16 Chaplowe, S.G. 1997a. CLADES: Latin American consortium on agroecology and sustainable  
17 development. p. 275-283. *In* S. Chaplowe, and J. Madden (ed) *For all generations: Making*  
18 *world agriculture more sustainable*. OM Publ., Glendale CA.
- 19 Chaplowe, S.G. 1997b. Non-governmental organizations (NGOs) in sustainable agriculture. p.  
20 205-232. *In* J. Madden, S. Chaplowe (ed) *For all generations: Making world agriculture more*  
21 *sustainable*. OM Publ., Glendale CA.
- 22 Chaturvedi, S. 2008. Agricultural biotechnology and trends in IPR regime: Emerging challenges  
23 before developing countries. *In* D. Casle (ed) *The role of intellectual property rights in*  
24 *biotechnology innovation*. Center for Intellectual Protection Policy, Edward Elgar, Toronto.
- 25 Chaudhry, R., S.B. Lall, B. Mishra, and B. Dhawan. 1998. A foodborne outbreak of  
26 organophosphate poisoning: Indiscriminate use of organophosphates without public  
27 education on safety increases the potential threat of foodborne outbreaks of poisoning. *Brit.*  
28 *Med. J.* 317:268-269.
- 29 Chema, S., E. Gilbert, and J. Roseboom. 2003. A review of key issues and recent experiences in  
30 reforming agricultural research in Africa. *Res. Rep.* 24. ISNAR, The Hague.
- 31 Chiffolleau, Y., and F. Dreyfus. 2004. Cognitive styles and networks patterns: a combined  
32 approach of learning processes in sustainable agriculture. *Proc. 6th IFSA Eur. Symp.*  
33 *Farming and rural systems research and extension. European farming and society in search*  
34 *of a new social contract learning to manage change*. *Int. Farming System Assoc. (IFSA)*, Vila  
35 Real, Portugal.
- 36 Chiwona-Karlton, L. 2001. A reason to be bitter. Cassava classification for the farmers'  
37 perspective. *Publ. PhD thesis*. Karolinska Institutet, Stockholm.

- 1 Chopra, M. 2004. Food security, rural development and health equity in Southern Africa. Equinet  
2 Disc. Pap. 22. Available at <http://www.sarpn.org.za/documents/d0001067/index.php>. Equinet  
3 Africa.
- 4 Christopolos, I., J. Farrington, and A.D. Kidd. 2000. Extension, poverty and vulnerability:  
5 Inception report of the study for the Neuchatel Initiative. Working Pap. 144. ODI, London.
- 6 Christou, P., and R. Twyman. 2004. The potential of genetically enhanced plants to address food  
7 insecurity. *Nutr. Res. Rev.* 17:23-42.
- 8 Christy, R., and L. Williamson (ed) 1992. A century of service: Land-grant colleges and their  
9 universities, 1890-1990. Transaction Publ., New Brunswick and London.
- 10 Chunanuwat, P. 2005. Thailand Country Report. *In Proc. Asia Workshop on the Implementation,*  
11 *Monitoring and Observance of the Int. Code of Conduct on the Distribution and Use of*  
12 *Pesticides.* Available at: <http://www.fao.org/docrep/008/af340e/af340e0l.htm#bm21>. FAO,  
13 Rome.
- 14 CIAT. 2001. An exchange of experiences from South and South East Asia. *Proc. Int. Symp.*  
15 *Participatory Plant Breeding and Participatory Plant Genetic Resource Enhancement.*  
16 Pokhara, Nepal 1-5 May 2000. CIAT, Cali.
- 17 CIMMYT. 2002. New maize varieties offers economic lifeline for poor farmers. CIMMYT, Mexico.
- 18 CIPP. 2004. Agricultural biotechnology and intellectual property: A new framework. Centre for  
19 Intellectual Property Policy, Canada.
- 20 CIPR. 2002. Integrating intellectual property rights and development policy. *Commiss. Intellectual*  
21 *Property Rights (CIPR), London.*
- 22 City and County of San Francisco. 2007. City and County of San Francisco Municipal Environ.  
23 Code Ordinance 159-07, File Number 070411, Approved July 3, 2007. Municipal Code  
24 Corporation, FL. Available at  
25 <http://www.municode.com/Resources/gateway.asp?pid=14134&sid=5>
- 26 Clapp, J. 1997. Adjustment and agriculture in Africa: Farmers, the state and the World Bank in  
27 Guinea. St Martin's Press, NY.
- 28 Clark, B.R. 1983. The higher education system. Academic organization in cross-national  
29 perspective. Univ. California Press, Berkeley.
- 30 Clark, B.R. 1995. Places of inquiry: Research and advanced education in modern universities.  
31 Univ. California Press, Berkeley.
- 32 Cleveland, D.A., D. Soleri, and S.E. Smith. 1994. Do folk crop varieties have a role in sustainable  
33 agriculture? Incorporating folk varieties into the development of locally based agriculture may  
34 be the best approach. *Bioscience* 44:740-751.
- 35 Cleveland, D.A., and D. Soleri. 2002. Farmers, scientists and plant breeding: Integrating  
36 knowledge and practice. CABI Publ., UK.
- 37 Clover, J. 2003. Food security in Sub-Saharan Africa. *Afr. Security Rev.* 12(1):5-15.

- 1 CNN. 2002. Death sentence over Chinese poisonings. 30 Sept. Available at  
2 <http://www.cnn.com/2002/WORLD/asiapcf/east/09/30/china.poison>.
- 3 Cochrane, W.W. 1958. Farm prices, myth and reality. Univ. of Minn. Press, Minneapolis.
- 4 Cohen, J. 2005. Poorer nations turn to publicly developed GM crops. *Nature Biotech* 23:27-33.
- 5 Cohn, A., J. Cook, M. Fernandez, R. Reider, and C. Steward (ed) 2006. *Agroecology and the*  
6 *struggle for food sovereignty in the Americas*. Available at  
7 <http://www.iied.org/pubs/pdf/full/14506IIED.pdf>. Yale Sch. Forest. Environ. Studies, New  
8 Haven and IIED, London.
- 9 Colchester, M. 1994. *Salvaging nature, indigenous peoples, protected areas and biodiversity*  
10 *conservation*. DP 55. UNRISD, Geneva.
- 11 Cole, D.C., F. Carpio, and N. Leon. 2000. Economic burden of illness from pesticide poisonings in  
12 highland Ecuador. *Pan Am. Rev. Public Health* 8:196-201.
- 13 Cole, D.C., S. Sherwood, C. Crissman, V. Barrera, and P. Espinosa. 2002. Pesticides and health  
14 in highland Ecuadorian potato production: Assessing impacts and developing responses. *Int.*  
15 *J. Occup. Environ. Health* 8(3):182-190.
- 16 Cole, D.C., S. Sherwood, M. Paredes, L.H. Sanin, C. Crissman, P. Espinosa et al. 2007.  
17 Reducing pesticide exposure and associated neurotoxic burden in an Ecuadorian small farm  
18 population. *Int. J. Occup Environ. Health* 13:281-289.
- 19 Collinson, M. (ed) 2000. *A history of farming systems research*. FAO, Rome and CABI Publ.,  
20 Wallingford.
- 21 Combs, G.F., R.M. Welch, J.M. Duxbury, N.T. Uphoff, and M.C. Mesheim (ed) 1996. *Food-based*  
22 *approaches to prevent micronutrient malnutrition: An international research agenda*. CIIFAD,  
23 Ithaca NY.
- 24 Compton, J.L. (ed) 1989. *The transformation of international agricultural research and*  
25 *development*. Lynne Rienner Publ., Boulder.
- 26 Conner, A.J., T.R. Glare, and J.P. Nap. 2003. The release of genetically modified crops into the  
27 environment. Part II. Overview of ecological risk assessment. *Plant J.* 33:19-46.
- 28 Conway, G. 1994. Sustainability in agricultural development: Trade-offs between productivity,  
29 stability and equitability. *J. Farming Syst. Res. Extension* 4(2):1-14.
- 30 Cook, S.D.N., and J.S. Brown. 1999. Bridging epistemologies: The generative dance between  
31 organizational knowledge and organizational knowing. *Org. Sci.* 10(4):381-400.
- 32 Cooke, B., and U. Kothari (ed) 2001. *Participation: The new tyranny*. Zed Books.
- 33 Costanza, R., R. d'Arge, R. de Groot, S. Farber, S. Grasso, B. Hannon et al. 1997. The value of  
34 the world's ecosystem services and natural capital. *Nature* 387:253-260.
- 35 Coulombe, S., J.F. Tremblay, and S. Marchand. 2004. Literacy scores, human capital and growth  
36 across fourteen OECD countries. *Int. Adult Literacy Survey Mono. Ser.* Statistics Canada,  
37 Ottawa.

- 1 Coutts, J.R., K. Roberts, F. Frost, and A. Coutts. 2005. The role of extension in building capacity -  
2 what works and why. Rep. r05/094. Available at <http://www.rirdc.gov.au/reports/HCC/05->  
3 094.pdf. Rur. Ind. Res. Dev. Corp., Canberra.
- 4 Cox, G.W., and M.D. Atkins. 1979. Agricultural ecology. W.H. Freeman, San Francisco.
- 5 CropLife. 2003. Integrated Pest Management - the way forward for the plant science industry  
6 Available at <http://www.croplife.org/library/attachments/2312df21-ae73-4921-a54e->  
7 [df06778bf4f5/5/IPM-The-Way-Forward-\(Dec-2004\).pdf](http://www.croplife.org/library/attachments/2312df21-ae73-4921-a54e-df06778bf4f5/5/IPM-The-Way-Forward-(Dec-2004).pdf). Croplife Int., Brussels.
- 8 CropLife. 2005a. The value of herbicides in US crop production: 2005 Update. Available at  
9 [http://croplifefoundation.org/cpri\\_benefits\\_herbicides.htm](http://croplifefoundation.org/cpri_benefits_herbicides.htm). Croplife Int., Brussels.
- 10 CropLife. 2005b. The value of fungicides in US crop production: 2005 Update. Available at  
11 [http://croplifefoundation.org/cpri\\_benefits\\_fungicides.htm](http://croplifefoundation.org/cpri_benefits_fungicides.htm). Croplife Int., Brussels.
- 12 CropLife. 2006. Creating opportunities for sustainable development. CropLife Int.,  
13 Brussels, Belgium.
- 14 Crosson, P., and J.R. Anderson. 2002. Technologies for meeting future global demands for food.  
15 Disc. Pap. 02-02 Resources for the Future, Washington DC.
- 16 Crow, J.F. 1998. 90 years ago: The beginning of hybrid maize. *Genetics* 148:923–928.
- 17 Crozier, M., and E. Friedberg. 1980. Actors and systems, the politics of collective action. Chicago  
18 Univ. Press, IL.
- 19 CSPI. 2005. Food safety around the world. Available at  
20 [http://www.elika.net/pub\\_articulos\\_i.asp?tipo=&articulo=137#abajo](http://www.elika.net/pub_articulos_i.asp?tipo=&articulo=137#abajo). CSPI, Washington DC.
- 21 Danaher, K. (ed) 1994. Fifty years is enough: The case against the World Bank and the IMF.  
22 Southend Press, Boston.
- 23 Darré, J.P. 1985. La parole et la technique: L'univers de pensée des éleveurs du Ternois. Ed.  
24 L'Harmattan, Paris.
- 25 Darré, J.P. 1995. L'invention des pratiques. Karthala, Paris.
- 26 Darré, J.P. 1999. La Production de connaissance pour l'action. INRA. Editions de la Maison des  
27 sciences de l'homme, Paris.
- 28 Dauber. R., M. Cain (ed) 1981. Women and technological change in developing countries.  
29 Westview Press, Denver.
- 30 Dayal, I., K. Mathur, M. Battacharaya. 1976. District Administration. Macmillan, New Delhi.
- 31 Dalrymple, D. 1986. Development and spread of high-yielding varieties of wheat and rice in the  
32 less-developed nations. For. Agric. Econ. Rep. 95. USDA, Washington DC.
- 33 Dalrymple, D. 2006. Impure public goods and agricultural research: Toward a blend of theory and  
34 practice. *Q. J. Int. Agric.* 45:75-81.
- 35 De Boef, W. 2000. Tales of the unpredictable. Learning about institutional frameworks that  
36 support farmer management of agro-biodiversity. Publ. PhD thesis. Wageningen Univ.,  
37 Wageningen.



- 1 De Boef, W., K. Amanor, and K. Welland, with A. Bebbington. 1993. Cultivating knowledge.  
2 Genetic diversity, farmer experimentation and crop research. IT Publ., London.
- 3 De Grassi, A. 2003. Genetically modified crops and sustainable poverty alleviation in Sub-  
4 Saharan Africa: An assessment of current evidence. Available at <http://www.twn.org>. Third  
5 World Network Africa.
- 6 De Groote, H., O. Ajuonua, S. Attignona, R. Djessoub, and P. Neuenschwander. 2003. Economic  
7 impact of biological control of water hyacinth in Southern Benin. *Ecol. Econ.* 45(1):105-117.
- 8 De Haan, H., and N. Long (ed) 1997. Images and realities of rural life. Van Gorcum, The  
9 Netherlands.
- 10 de Janvry, A., and J.-J. Dethier. 1985. Technological innovation in agriculture - The Political  
11 economy of its rate and bias. CGIAR Study Pap. No. 1. Washington DC.
- 12 DeBach, P. 1964. Biological control of insect pests and weeds. Chapman and Hall, London.
- 13 DeBach, P. 1974. Biological control by natural enemies. Cambridge Univ. Press, UK.
- 14 DeBach, P. and D. Rosen. 1991. Biological control by natural enemies. 2nd ed. Cambridge Univ.  
15 Press, UK.
- 16 Deere, C.D., and M.L. de Leal. 1982. Women in Andean agriculture. ILO, Geneva.
- 17 DeGregori, T. 2001. Agriculture and modern technology: A defense. Iowa State Press and  
18 Blackwell Sci., Ames.
- 19 Delanty, G. 2001. Challenging knowledge. The university in the knowledge society. The Society  
20 for Res. into Higher Educ. Open Univ. Press, Buckingham.
- 21 Dent, D. 2005. Overview of agrobiologicals and alternatives to synthetic pesticides. *In* J. Pretty  
22 (ed) The pesticide detox: Towards a more sustainable agriculture. Earthscan, London.
- 23 Dent, J.B., and M.J. McGregor (ed) 1994. Rural and farming systems analysis. CABI, UK.
- 24 De Vries, B. 2000. Multifunctional agriculture in the international context: A review. Available at  
25 <http://www.landstewardshipproject.org/mba/MFARReview.pdf>. The Land Stewardship Project.
- 26 Desneux, N., A. Decourtye, and J.M. Delpuech. 2007. The sublethal effects of pesticides on  
27 beneficial arthropods. *Ann. Rev. Entomol.* 52:81-106.
- 28 DFID. 2002. Better livelihoods for poor people: The role of agriculture. Available at  
29 <http://www.dfid.gov.uk/Pubs/files/agricultureconsult.pdf>. DFID, London.
- 30 DFID. 2004. Concentration in food and retail chains. Available at [http://dfid-agriculture-](http://dfid-agriculture-consultation.nri.org/summaries/wp13.pdf)  
31 [consultation.nri.org/summaries/wp13.pdf](http://dfid-agriculture-consultation.nri.org/summaries/wp13.pdf). DFID and IIED, London.
- 32 DFID. 2005. Growth and poverty reduction: The role of agriculture. Available at  
33 <http://www.dfid.gov.uk/pubs/files/growth-poverty-agriculture.pdf>. DFID, London.
- 34 DHC (UK Department of Health Compensation). 2001. Scheme for variant CJD victims  
35 announced. London, Oct. 1. Press release 2001/0457. DHC, London.

- 1 Dilts, R. 1999. Facilitating the emergence of local institutions: Reflections from the experience of  
2 the Community IPM Program in Indonesia. p. 50-65. Report of the APO Study meeting on  
3 the role of institutions in rural community development. Colombo. 21-29 Sept. 1998.
- 4 Dimitri, C., A. Effland, and N. Conklin. 2005. The 20th century transformation of U.S. agriculture  
5 and farm policy. *Electronic Inform. Bull.* No. 3, June 2005.
- 6 Dinham, B. 1993. *The Pesticide Hazard: A Global Health and Environmental Audit*. Zed Books,  
7 London.
- 8 Dinham, B. 1995. 10 years of FAO Code fails to reduce hazard problems. Available at  
9 <http://www.pan-uk.org/pestnews/pn28/pn28p6b.htm>. *Pesticide News No. 28*.
- 10 Dinham, B. 2003. Growing vegetables in developing countries for local urban populations and  
11 export markets: problems confronting small-scale producers. *Pest Manage. Sci.* 59:575-582.
- 12 Dinham, B. 2005. Corporations and pesticides, p. 55-69. *In* J. Pretty (ed) *Pesticide detox:  
13 Towards a more sustainable agriculture*. Earthscan, London.
- 14 Dinham, B. 2007. Pesticide users at risk: Survey of availability of personal protective clothing  
15 when purchasing paraquat in China, Indonesia and Pakistan and failures to meet the  
16 standards of the Code of Conduct. Berne Declaration, Switzerland. Available at  
17 [http://www.evb.ch/cm\\_data/Paraquat-Code\\_Survey\\_FINAL\\_rev1.pdf](http://www.evb.ch/cm_data/Paraquat-Code_Survey_FINAL_rev1.pdf)
- 18 Dixon, J., A. Gulliver, D. Gibbon. 2001. *Farming systems and poverty: Improving farmers'  
19 livelihoods in a changing world*. FAO, Rome.
- 20 Dolberg, F., and P.H. Petersen (ed) 1997. *Maximising the influence of the user: Alternatives to  
21 the training and visit system*. Proc. Workshop. 7-11 April Tune Landboskole. Denmark. DSR  
22 Forlag, Copenhagen.
- 23 Dollacker, A. 2000. Implementing sustainable agriculture: Practical approaches to IPM.  
24 *Pflanzenschutz-Nachrichten Bayer* 53(2-3):198.
- 25 Dollacker, A. and C. Rhodes. 2007. Integrated crop productivity and biodiversity conservation  
26 pilot initiatives developed by Bayer CropScience. *Crop Prot.* 26:408-416.
- 27 Döller, P.C, K. Dietrich, N. Fillip, S. Brockmann, C. Dreweck, R. Vontheim et al. 2002.  
28 Cyclosporiasis outbreak in Germany associated with the consumption of salad. *Emerging  
29 Infect. Dis.* 8(9):992-994.
- 30 Donald, P.F. 2004. Biodiversity impacts of some agricultural commodity production systems.  
31 *Conserv. Biol.* 18:17-37
- 32 Dörner, D. 1996. *The Logic of failure: Recognising and avoiding error in complex situations*.  
33 Addison-Wesley, Reading MA.
- 34 Dorward, A., J. Kydd. and C. Poulton. 1998. Smallholder cash crop production under market  
35 liberalisation: A new institutional economics perspective. CABI, Wallingford.
- 36 Doss, C., and A. McDonald. 1999. Gender issues and the adoption of maize technology in Africa.  
37 *An annotated bibliography of Twenty-five Years on Research on Women Farmers in Africa:*

- 1 Lessons and implications for agricultural research Institutions. Econ. Prog. Pap. 99-02.  
2 CIMMYT, Mexico.
- 3 Douth, R.L., and J. Nakata. 1973. The Rubus leafhopper and its egg parasitoid: An endemic  
4 biotic system useful in grape pest management. Environ. Entomol. 2:381-386.
- 5 Dreyer, H., G. Fleischer, W. Gassert, H. Stoetzer, J.P. Deguine, N. La Porta et al. 2005. IPM  
6 Europe: The European network for integrated pest management in development cooperation.  
7 Proc. EFARD 2005 Conference, Zurich.
- 8 Dufour, R. 2001. Biointensive integrated pest management IPM: Fundamentals of sustainable  
9 agriculture. July 2001. Available at <http://attra.ncat.org/attra-pub/PDF/ipm.pdf>.
- 10 Dupré, G. 1991. Savoirs paysans et développement. ORSTOM. Ed. Karthala. Paris.
- 11 Eastman, C., and J. Grieshop. 1989. Technology development and diffusion: Potatoes in Peru. p.  
12 33-58. In J.L. Compton (ed) The transformation of international agricultural research and  
13 development. Westview, Boulder.
- 14 EC (European Commission). 1999. Directive 1999/2/EC of the European Parliament and of the  
15 Council of 22 February 1999 on the approximation of the laws of the Member States  
16 concerning foods and food ingredients treated with ionizing radiation. Available at  
17 [http://www.fsai.ie/legislation/food/eu\\_docs/Manufacturing\\_Processing\\_Methods/Irradiated/Dir\\_1999\\_2.pdf](http://www.fsai.ie/legislation/food/eu_docs/Manufacturing_Processing_Methods/Irradiated/Dir_1999_2.pdf). Off. J. European Communities L 066, 13 March 1999.
- 18 EC (European Commission). 2000. Communication from the Commission on the Precautionary  
19 Principle, Brussels. Available at  
20 [http://ec.europa.eu/dgs/health\\_consumer/library/pub/pub07\\_en.pdf](http://ec.europa.eu/dgs/health_consumer/library/pub/pub07_en.pdf).
- 21 EC (European Commission). 2001. Europeans, science and technology. Standard  
22 Eurobarometer. Available at  
23 [http://europa.eu.int/comm/public\\_opinion/archives/eb/ebs\\_154\\_en.pdf](http://europa.eu.int/comm/public_opinion/archives/eb/ebs_154_en.pdf).
- 24 EC (European Commission). 2005. Special Eurobarometer. Social values, Science and  
25 technology. Available on:  
26 [http://europa.eu.int/comm/public\\_opinion/archives/ebs/ebs\\_225\\_report\\_en.pdf](http://europa.eu.int/comm/public_opinion/archives/ebs/ebs_225_report_en.pdf)
- 27 EC (European Commission). 2006. Monitoring of pesticide residues in products of plant origin in  
28 the EU, Norway, Iceland and Lichtenstein. Available at  
29 [http://ec.europa.eu/food/fvo/specialreports/pesticides\\_index\\_en.htm](http://ec.europa.eu/food/fvo/specialreports/pesticides_index_en.htm).
- 30 ECA (Economic Commission for Africa). 1992. Study on the role of the informal sector in African  
31 economies. E/ECA/PSD.7/13. 7th Session Joint Conf. African Planners, Statisticians and  
32 Demographers. Addis Ababa, 2-7 March.
- 33 Echeverria, R.G., E. Trigo, and D. Byerlee. 1996. Institutional change and effective financing of  
34 agricultural research in Latin America. Tech. Pap. 330. World Bank, Washington DC.
- 35 Edgerton, D. 2007. The shock of the old: Technology and global history since 1900. Oxford Univ.  
36 Press, UK.
- 37

- 1 Edquist, C. (ed) 1997. Systems of innovation: Technologies, institutions and organizations. Pinter,  
2 London.
- 3 EEA (European Environmental Agency). 2001. Late lessons from early warnings: The  
4 precautionary principle 1896-2000. Available at  
5 [http://reports.eea.europa.eu/environmental\\_issue\\_report\\_2001\\_22/en/Issue\\_Report\\_No\\_22.](http://reports.eea.europa.eu/environmental_issue_report_2001_22/en/Issue_Report_No_22.pdf)  
6 [pdf](http://reports.eea.europa.eu/environmental_issue_report_2001_22/en/Issue_Report_No_22.pdf). EEA, Copenhagen.
- 7 Ehler, L. 2006. Integrated pest management (IPM): Definition, historical development and  
8 implementation and the other IPM. *Pest Manage. Sci.* 62:787-790.
- 9 Ehler, L., and D. Bottrell. 2000. The illusion of integrated pest management. *Issues Sci Tech.*  
10 16(3):61-64.
- 11 Eicher, C., and J. Staats. 1998. International agricultural development. Johns Hopkins Univ.  
12 Press, Baltimore.
- 13 Eisemon, T.O. 1986. Foreign training and foreign assistance for university development in Kenya:  
14 Too much of a good thing? *Int. J. Educ. Dev.* 6:1-13.
- 15 Eisemon, T.O., and C.H. Davis. 1992. Universities and scientific research capacity. *J. Asian Afr.*  
16 *Studies* 27:68-93.
- 17 EJF (Environmental Justice Foundation). 2002. Death in small doses: Cambodia's pesticide  
18 problems and solutions. EKF, London.
- 19 Ekboir, J.M., G. Datrénit, V. Martinez, A. Torres-Vargas, and A. Vera-Cruz. 2006. Las  
20 fundaciones produce a diez años de su creación: Pensando en el futuro. ISNAR Disc. Pap.  
21 10. IFPRI, Washington DC.
- 22 Ekesi, S. 1999. Insecticide resistance in field populations of the legume pod-borer *Maruca vitrata*  
23 *Fabricius* (Lepidoptera: Pyralidae) on cowpea *Vigna unguiculata* (L.), Walp in Nigeria. *Int. J.*  
24 *Pest Manage.* 45(1):57-59.
- 25 Ekwamu, A., and M. Brown. 2005. Four years of NAADS implementation: Programme outcomes  
26 and impact. p. 25-39. *In Proc. Mid-Term Review Nat. Agric. Advisory Serv.* 31 May – 2 June  
27 2005. Min. Agric. Anim. Industry Fish., Kampala.
- 28 Ellen, R., P. Parkes, and A. Bicker (ed) 2000. Indigenous environmental knowledge and its  
29 transformations. Harwood Acad. Publ., Amsterdam.
- 30 Ellis, W. 2000. A new paradigm for industry. Available at  
31 [http://www.croplifeasia.org/ref\\_library/ipm/ipmParadigm.pdf](http://www.croplifeasia.org/ref_library/ipm/ipmParadigm.pdf). Asia-Pacific Crop Prot. Assoc.,  
32 Bangkok.
- 33 Ellis, F. and H.A. Freeman. 2006. Rural households and poverty reduction strategies in four  
34 African countries. *J. Dev. Studies* 40(4):1-30.
- 35 Engel, P. 1990. Knowledge management in agriculture: Building upon diversity. Special Issue on  
36 the European Seminar on Knowledge Management and Information Technology.  
37 Wageningen. November 1989. *Knowledge Society* 3(3)28-35.

- 1 Engel, P.G.H., and M. Salomon. 1997. Facilitating innovation for development. A RAAKS  
2 resource box/the social organization of innovation – a focus on stakeholder interaction. Royal  
3 Trop. Inst., Amsterdam.
- 4 Enkegaard, A., and H.F. Brodsgaard. 2006. Biocontrol in protected crops: Is lack of biodiversity a  
5 limiting factor? p. 91-122. *In* J. Eilenberg, and H. Hokkanen (ed) An ecological and societal  
6 approach to biological control. Springer, Dordrecht.
- 7 Ericksen, P.J. 2006a. Conceptualization of food systems for global environmental change (GEC)  
8 research. GECAF Working Pap. 2. ECI/OUCE, Oxford Univ., Wallingford.
- 9 Ericksen, P.J. 2006b. Assessing the vulnerability of food systems to global environmental  
10 changes. ECI/OUCE, Oxford Univ., Wallingford.
- 11 Esman, M.J., and N. Uphoff. 1984. Local organisations - Intermediaries in rural development  
12 Cornell Univ. Press, London.
- 13 ESRC. 1999. The politics of GM food: Risk, science and public trust. Available at  
14 [http://www.sussex.ac.uk/spru/documents/gecp\\_the\\_politics\\_of\\_gm\\_food\\_briefing.pdf](http://www.sussex.ac.uk/spru/documents/gecp_the_politics_of_gm_food_briefing.pdf). Spec.  
15 Briefing 5. Econ. Social Res. Council, Global Environ. Change Prog., Lancaster Univ.
- 16 ETC. 2005. Oligopoly, Inc.: Concentration in corporate power. Communique Issues #90-91.
- 17 EU. 2002. European Union consolidated versions of the treaty on European Union and of the  
18 treaty establishing the European community. Off. J. Eur. Union, C325, 24 Dec 2002, Title  
19 XIX, article 174, para. 2 and 3.
- 20 EurepGAP. 2007. The global partnership for safe and sustainable agriculture. Good agricultural  
21 practice standard. 3<sup>rd</sup> Vers. Berlin. Available at  
22 [http://www.eurepgap.org/documents/infoletter/Press-conference\\_080207-KM2.pdf](http://www.eurepgap.org/documents/infoletter/Press-conference_080207-KM2.pdf).
- 23 Evans, J. 1981. Report on extension-oriented research with women in Phalombe. Farming  
24 Systems Analysis Sec., Dep. Agric. Res., Min. Agriculture, Malawi.
- 25 Eveleens, K. 2004. The history of IPM in Asia. FAO, Rome.
- 26 Evenson, R.E. 1986. The economics of extension. p. 65-90. *In* G.E. Jones (ed) Investing in rural  
27 extension. Elsevier, London.
- 28 Evenson, R.E., and D. Gollin. 2003a. Assessing the impact of the Green Revolution 1960 to  
29 2000. *Science* 300:758-762.
- 30 Evenson, R. E. and D. Gollin (ed) 2003b. Crop variety improvement and its effects on  
31 productivity: The impact of international agricultural research. CABI, Wallingford.
- 32 Evenson, R.E., P.E. Waggoner, and V.W. Ruttan. 1979. Economic benefits from research: An  
33 example from agriculture. *Science* 205:1101-1107.
- 34 EVIRA (Finnish Food Safety Authority). 2006. Number of food poisoning epidemics still on  
35 increase in 2005. Available [http://www.evira.fi/portal/en/food/current\\_issues/archive/?id=318](http://www.evira.fi/portal/en/food/current_issues/archive/?id=318).
- 36 Ewen, S.W.B., and A. Pusztai. 1999. Health risks of genetically modified foods. *Lancet* 354:684.

- 1 Fabra, A. 2002. The intersection of human rights and environmental issues: A review of  
2 institutional developments at the international level. Background Pap. 3; Expert Seminar on  
3 Human Rights and the Environment, 14-16 Jan. Geneva. Available at  
4 <http://www.unhchr.ch/environment/bp3.html>.
- 5 Fairhead, J., and M. Leach. 1996. Misreading the African Landscape. Society and ecology in a  
6 forest-savanna mosaic. Cambridge Univ. Press, UK.
- 7 Falcon, W., and R. Naylor. 2005. Rethinking food security for the 21st century. *Am. J. Agric.*  
8 *Econ.* 87:113-1127.
- 9 Falcon, W.P., and C. Fowler. 2002. Carving up the commons: emergence of a new international  
10 regime for germplasm development and transfer. *Food Policy* 27:197-222.
- 11 Fan, S., P. Hazell, and S. Thorat. 1998. Government spending, growth and poverty: an Analysis  
12 of interlinkages in rural India. EPTD Disc. Pap. 33. Available at  
13 <http://www.ifpri.org/divs/eptd/dp/papers/eptdp33.pdf>. IFPRI, Washington DC.
- 14 FAO. 1995a. Prevention and disposal of obsolete pesticides. Available at  
15 [http://www.fao.org/ag/AGP/AGPP/Pesticid/Disposal/index\\_en.htm](http://www.fao.org/ag/AGP/AGPP/Pesticid/Disposal/index_en.htm). FAO, Rome.
- 16 FAO. 1995e. Guidelines on good labelling practice for pesticides. FAO, Rome.
- 17 FAO. 1996a. Food, agriculture and food security: developments since the World Food  
18 Conference and prospects. World Food Summit Tech. Background Doc. 1. Vol. 1. FAO,  
19 Rome.
- 20 FAO. 1999a. Committee on agriculture: Biotechnology. 25-29 January. COAG, FAO 1999.  
21 CGIAR in Latin America and the Caribbean: Interactions, achievements and prospects. FAO,  
22 Rome.
- 23 FAO. 1999b. The importance of food quality and safety for developing countries. Committee on  
24 World Food Security 25th Session. Rome, 31 May-3 June.
- 25 FAO. 2001a. Mid-term review of the Global IPM Facility. April-June. FAO, Rome.
- 26 FAO. 2001b. The state of food insecurity in the world 2001. Rome.
- 27 FAO, 2002a. Bovine Spongiform Encephalopathy (BSE) and foot and mouth disease risk  
28 assessment: Implications for the Near East. Twenty-Sixth FAO Reg. Conf. for the Near East.  
29 Tehran. 9-13 Mar 2002. NERC/02/INF/5. Available at  
30 <http://www.fao.org/DOCREP/MEETING/004/Y3064E.HTM>. FAO Rome.
- 31 FAO. 2002b. International code of conduct on the distribution and use of pesticides. Adopted by  
32 the 123rd Session of the FAO Council in November 2002. FAO, Rome.
- 33 FAO. 2003a. Biosecurity in food and agriculture. Committee on Agric., 17<sup>th</sup> Session. Available at  
34 <http://www.fao.org/DOCREP/MEETING/006/Y8453e.HTM>. FAO, Rome.
- 35 FAO, 2003b. Trade reforms and food security. Chapter 9 *In* The role of transnational  
36 corporations, conceptualizing the linkages. Commodities Trade Div., FAO, Rome.

- 1 FAO. 2004. The state of food insecurity in the World. Monitoring progress towards the World  
2 Food Summit and Millennium Development Goals. FAO. Rome.
- 3 FAO. 2005a. Asia regional workshop on the implementation, monitoring and observance of the  
4 international code of conduct on the distribution and use of pesticides. Bangkok. 26-28 July.  
5 Available at <http://www.fao.org/docrep/008/af340e/af340e00.htm>. FAO Reg. Off. Asia Pacific,  
6 Bangkok.
- 7 FAO. 2005b. International code of conduct on the distribution and use of pesticides – revised  
8 version. FAO, Rome.
- 9 FAO. 2005c. The state of food and agriculture: Agricultural trade and poverty: Can trade work for  
10 the poor? FAO, Rome.
- 11 FAO. 2005d. UN Agency says scale of toxic pesticide in Latin America ‘frightening’, funding for  
12 cleaning up needed. Available at <http://www.un.org/News/Press/docs/2005/sag369.doc.htm>.  
13 FAO, Rome.
- 14 FAO. 2005e. Understanding the Codex Alimentarius. FAO, Rome.  
15 [http://www.fao.org/documents/show\\_cdr.asp?url\\_file=/docrep/008/y7867e/y7867e00.htm](http://www.fao.org/documents/show_cdr.asp?url_file=/docrep/008/y7867e/y7867e00.htm).
- 16 FAO. 2006a. FAO encourages early withdrawal of highly toxic pesticides; assurances given by  
17 Danish company. Available at  
18 <http://www.fao.org/newsroom/en/news/2006/1000471/index.html>. FAO, Rome.
- 19 FAO. 2006b. The implementation of the globally harmonized system of classification and labelling  
20 of chemicals – FAO's past and present activities. Available at  
21 [http://www.unitar.org/cwg/publications/cbl/ghs/Documents\\_2ed/F\\_Guidance\\_Awareness\\_Rai](http://www.unitar.org/cwg/publications/cbl/ghs/Documents_2ed/F_Guidance_Awareness_Raising_and_Training_Materials/498_FAO_past-present-activities.pdf)  
22 [sing\\_and\\_Training\\_Materials/498\\_FAO\\_past-present-activities.pdf](http://www.unitar.org/cwg/publications/cbl/ghs/Documents_2ed/F_Guidance_Awareness_Raising_and_Training_Materials/498_FAO_past-present-activities.pdf). FAO, Rome.
- 23 FAO. 2006c. A global plant breeding initiative. FAO Agriculture 21. Available at  
24 <http://www.fao.org/ag/magazine/0606sp1.htm>. FAO, Rome.
- 25 FAO. 2007. New initiative for pesticide risk reduction. Committee on Agric., 20<sup>th</sup> Session 25-28  
26 April 2007, RomeCOAG/2007/Inf.14. [Online] Available at  
27 <ftp://ftp.fao.org/docrep/fao/meeting/011/j9387e.pdf>. FAO, Rome.
- 28 FAO/WHO. 2001. Amount of poor-quality pesticides sold in developing countries alarmingly high.  
29 FAO/WHO press release, 1 Feb.
- 30 FAO/WHO. 2004. Cambodia country report on food safety. FAO/WHO Regional Conference on  
31 Food Safety for Asia and Pacific, Seremban, Malaysia, 24-27 May 2004.
- 32 Farina, E., and T. Reardon. 2000. Agrifood grades and standards in the extended Mercosur:  
33 Their role in the changing agrifood system. *Am. J. Agric. Econ.* 82:1170-1176.
- 34 Farrington, J., and A. Martin. 1987. Farmer-participatory research: A review of concepts and  
35 recent fieldwork. *Agric. Admin. Extens.* 29:247-264.
- 36 Farrington, J., A. Bebbington, K. Wellard, D. Lewis. 1993. Reluctant partners? Non-governmental  
37 organizations, the state and sustainable agricultural developments. Routledge, NY.



- 1 Farrington, J., and D.L. Lewis. 1993. Non-governmental organizations and the State in Asia:  
2 Rethinking roles in sustainable agricultural development. Routledge, London.
- 3 Farrington, J., and J.R. Witcombe. 1998. Regulatory frameworks: Why do we need them. p. xvii-  
4 xxii. *In* J. Witcombe et al. (ed) *Seeds of choice: Making the most of new varieties for small*  
5 *farmers*. IT Publ., London.
- 6 FAWG. 2001. *Roots of change: Agriculture, ecology and health in California*. Available at  
7 [http://www.foodfund.org/pdfs/roots\\_of\\_change.pdf](http://www.foodfund.org/pdfs/roots_of_change.pdf). FAWG, San Francisco.
- 8 Feder, E. 1976. McNamara's little green revolution: World Bank scheme for self-liquidation of  
9 Third World peasantry. *Econ. Pol. Weekly* 10:532-541.
- 10 Feder, G., R. Murgai and J. Quizon. 2004a. The acquisition and diffusion of knowledge: The case  
11 of pest management training in farmer field schools. *Indonesia. J. Agric. Econ.* 55(2):221-  
12 243.
- 13 Feder, G., R. Murgai, J. Quizon. 2004b. Sending farmers back to school: The impact of  
14 farmer field schools in Indonesia. *Rev. Agric. Econ.* 26:45-62.
- 15 Federación Agraria Argentina (FAA). 2005. Informe Semanal Técnico NO. 167. Buenos Aires,  
16 May 20. Available at <http://www.faa.com.ar/>.
- 17 Ferguson, J. 1990. *The anti-politics machine: Development, depoliticization and bureaucratic*  
18 *power in Lesotho*. Cambridge Univ. Press, UK.
- 19 Ferleger, L., and W. Lazonick. 1994. Higher education for an innovative economy: Land-grant  
20 colleges and the managerial revolution in America. *Business Econ. History* 23(1):116-128.
- 21 Fernandez-Cornejo, J., and D. Schimmelpfennig. 2004. Have seed industry changes affected  
22 research effort? Available at  
23 <http://www.ers.usda.gov/AmberWaves/February04/Features/HaveSeed.htm>. USDA Econ.  
24 Res. Serv., Washington DC
- 25 Ferrara, J. 1998. Revolving doors: Monsanto and the regulators. *The Ecologist* Sept/Oct.  
26 Available at <http://www.monitor.net/monitor/9904b/monsantofda.html>
- 27 Fields, S. 2004. The fat of the land: Do agricultural subsidies foster poor health? *Environ. Health*  
28 *Perspect.* 112(14):A820-A823.
- 29 Fischer, K., and D. Byerlee. 2002. Managing intellectual property and income generation in public  
30 research organisations. p. 227-244. *In* D. Byerlee and R. Echeverría (ed) *Agricultural*  
31 *research policy in an era of privatization*. CABI, Oxon.
- 32 Fishbein, M., and I. Ajzen. 1975. *Belief, attitude, intention, and behavior: An introduction to theory*  
33 *and research*. Addison-Wesley, Reading MA.
- 34 Fisher, E.C. 2007. Opening Pandora's box: Contextualising the precautionary principle in the  
35 European Union. *Oxford Legal Studies Res. Pap.* 2/2007. *In* Ellen Vos et al. (ed) *Uncertain*  
36 *risks regulated: National, EU and international regulatory models compared*. Available at  
37 <http://ssrn.com/abstract=956952>. UCL Press, Cavendish Publ.



- 1 Fitzgerald, D. 2003. Every farm a factory: The industrial ideal in American agriculture. Yale Univ.  
2 Press.
- 3 FOE. 2005. Tackling GMO Contamination: making segregation and identity preservation a reality.  
4 Available at: <http://www.foei.org/publications/index.html>. FOE, Montreal.
- 5 FOE. 2006. Who benefits from GM crops? Available at  
6 <http://www.foei.org/publications/index.html>. FOE, Nigeria.
- 7 FOE/Halifax Initiative. 2002. Marketing the Earth: the World Bank and sustainable development.  
8 Available at <http://www.panna.org/campaigns/docsWorldBank/MarketingEarth.pdf>.
- 9 FOEI. 2001. Sale of the country? Peoples' food sovereignty. Friends of Earth Int.,  
10 <http://www.foei.org>.
- 11 FOEI. 2003. Trade and people's food sovereignty. Friends of Earth Int., <http://www.foei.org>.
- 12 Fogel, R.W. 2004. The escape from hunger and premature death 1700-2100: Europe, America  
13 and Third World, Cambridge Univ. Press, UK.
- 14 Foko, E. 1999. Arabica coffee in the agricultural production system of the western highlands of  
15 Cameroon. *Cahiers Agric.* 8:197-202.
- 16 Follet, P.A., and J.J. Duan (ed) 2000. Biological control for a small planet: Nontarget effects of  
17 biological control introductions. Kluwer, Dordrecht.
- 18 Forni, F., G. Neiman, G. Bacalini, and L. Roldán. 1998. Haciendo escuela. Ciccus, Buenos Aires.
- 19 Fortmann, L. 1979. Women and agricultural development. *In* K.S. Kim et al. (ed) Papers on the  
20 political economy. Tanzania. Heinemann, Nairobi.
- 21 Forum for Food Sovereignty. 2007. Declaration of Nyéléni. Sélingué, Mali, 27 Feb 2007. Available  
22 at <http://www.nyeleni2007.org/>.
- 23 Frankel, F.R. 1971. India's green revolution: Economic gains and political costs. Princeton Univ.  
24 Press, Princeton.
- 25 Freebairn, D.K. 1995. Did the green revolution concentrate incomes? A quantitative study of  
26 research reports. *World Dev.* 23(2):265-279.
- 27 Fresco, L. 2002. The future of agriculture: Challenges for environment, health and safety  
28 regulation of pesticides. Available at [www.fao.org/ag/magazine/oeecd.pdf](http://www.fao.org/ag/magazine/oeecd.pdf). FAO, Rome.
- 29 Friesen, F., A.G. Nelson, and R.C. Van Acker. 2003. Evidence of contamination of pedigreed  
30 canola (*Brassica napus*) seedlots in western Canada with genetically engineered herbicide  
31 resistance traits. *Amer. Soc. Agron. J.* 95:1342-1347.
- 32 Fukuda, W., and N. Saad. 2001. Participatory research on cassava breeding with farmers in  
33 Northeastern Brazil. Empresa Brasileira de Pesquisa Agropecuária. EMBRAPA, Brasil.
- 34 Fukuda-Parr, S. (ed) 2007. The gene revolution. GM crops and unequal development. Earthscan,  
35 London.
- 36 Fukuoka, M. 1978. The one-straw revolution: An introduction to natural farming. Rodale Press,  
37 Emmaus.

- 1 Funtowicz, S.O., and J.R. Ravetz. 1993. Science for the post-normal age. *Futures* 25(7):739-755.
- 2 Funtowicz, S.O., J. Ravetz, and M. O'Connor. 1998. Challenges in the use of science for  
3 sustainable development. *Int. J. Sustain. Dev.* 1(1):99-108.
- 4 Furuno, T. 2001. The power of duck. Integrated rice and duck farming. Tagari Publ., Tylagum,  
5 Australia.
- 6 Gaillard, J. and R. Waast. 1992. The uphill emergence of scientific communities in Africa. *J. Asian  
7 Afr. Studies* 27(12):41-67.
- 8 Gallagher, K. 1988. Effects of host resistance on the micro-evolution of the rice brown  
9 planthopper, *Nilaparvata lugens* (Stal.). PhD. Thesis.: Univ. California, Berkeley.
- 10 Gallagher, K. 1999. Frequently asked questions on HIV/AIDS facts: A Global IPM Facility Field  
11 School Guide. Global IPM Facility, Rome.
- 12 Gallin, R.S., and A. Spring (ed) 1985. Women creating wealth: Transforming economic  
13 development. Selected Papers and Speeches Assoc. Women in Dev. Conf., 25-27 April  
14 Washington DC.
- 15 Gallin, R.S., M. Aronoff, and A. Ferguson (ed) 1989. The women and international development  
16 annual. Vol. I. Westview Press, Boulder.
- 17 Gallin, R.S., and A. Ferguson (ed) 1991. The Women and International Development Annual. Vol.  
18 II. (Boulder, Colorado: Westview Press);
- 19 Gamser, M. 1988. Innovation, technical assistance and development: the importance of  
20 technology users. *World Dev.* 16(6):711-721.
- 21 Ganapathy, S., S.B. Duffy, C. Getz. 2005. A framework for understanding food insecurity: An  
22 anti-hunger approach, a food system approach. Centre Weight Health College Nat. Resour.,  
23 Univ. California, Berkeley. Available at  
24 [http://www.cnr.berkeley.edu/cwh/PDFs/Framework\\_Food\\_Insecurity\\_3.05.pdf](http://www.cnr.berkeley.edu/cwh/PDFs/Framework_Food_Insecurity_3.05.pdf).
- 25 GAO. 2001. Agricultural pesticides: Management improvements needed to further promote  
26 integrated pest management. Available at <http://www.gao.gov/new.items/d01815.pdf>. GAO,  
27 Washington DC.
- 28 Gao, Q., and X. Li. 2006. Agricultural information infrastructure development and information  
29 services in China. Chapter 16. p. 369-387. *In* A. Van den Ban, and R.K. Samanta (ed)  
30 Changing roles of agricultural extension in Asian nations. B.R. Publ., Delhi.
- 31 García-Marirrodriaga, R., and P. Puig Calvó. 2007. Formación en alternancia y desarrollo local.  
32 Aidefa, Rosario.
- 33 Garrett, J. 1997. Challenges to the 2020 vision for Latin America: Food and agriculture since  
34 1970. *Food Agric. Environ. Disc. Pap.* 21. IFPRI, Washington DC.
- 35 Garfield, E. 1998. From citation indexes to informetrics: Is the tail now wagging the dog? *Libri*  
36 48(2):67-80.

- 1 Garry, V.F., D. Schreinemachers, M.E. Harkins and J. Griffith. 1996. Pesticide applicers, biocides  
2 and birth defects in Rural Minnesota. *Environ. Health Perspect.* 104(4):394-399.
- 3 Gelernter, W.D. 2005. Biological control products in a changing landscape. p. 293-300. *In* Crop  
4 science and technology. Brit. Crop Prot. Council, Hampshire, UK.
- 5 Georghiou, G.P. 1986. The magnitude of the problem. *In* Pesticide resistance, strategies and  
6 tactics. Nat. Acad. Press, Washington DC.
- 7 Gentil, D. 1989. A few questions on the training and visit method. p. 25-31 *In* N. Roberts (ed)  
8 Agricultural extension in Africa. Available at  
9 [http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content\\_storage\\_01/0000019b/80/20/83/  
10 7c.pdf](http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/20/83/7c.pdf). World Bank, Washington DC.
- 11 Gentili, P. 2001. The permanent crisis of the public university. North American Congress on Latin  
12 America (NACLA) Rep. Americas 33(4):12-19.
- 13 Gepts, P. 2004. Who owns biodiversity and how should the owners be compensated? *Plant*  
14 *Physiol.* 134:295-1307.
- 15 Gerken, A., J.V. Suglo and M. Braun. 2000. Crop protection policy in Ghana. An economic  
16 analysis of current practice and factors influencing pesticide use. Univ. Hannover and GTZ,  
17 Accra.
- 18 Getz, C., and K.D. Warner. 2006. Integrated farming systems and pollution prevention initiatives  
19 stimulate co-learning extension strategies. *J. Extension* 44(5), Article # 5FEA4. Available at  
20 <http://www.joe.org/joe/2006october/a4.shtml>.
- 21 Gibbons, M., C. Limoges, H. Nowotny, S. Schwartzman, P. Scott, and M. Trow. 1994. The new  
22 production of knowledge: The dynamics of science and research in contemporary societies.  
23 Sage Publ., Thousand Oaks CA.
- 24 Gieryn, T.F. 1995. Boundaries of science. p. 393–443. *In* S. Jasanoff et al. (ed) *Handbook of*  
25 *science and technology studies*. Sage Publ., Thousand Oaks CA.
- 26 Gilbert, E. 1995. The meaning of the maize revolution in Sub-Saharan Africa: Seeking guidance  
27 from past impacts. *Agric. Admin. Network Pap.* 55, Overseas Dev. Inst., London.
- 28 Gill, G.J. 1995. Major natural resource management concerns in South Asia. 2020 Vision for  
29 Food Agric. Environ. Disc. Pap. 8, IFPRI, Washington DC.
- 30 Gill, G.J., and D. Carney. 1999. Competitive agricultural technology funds in developing  
31 countries. Overseas Dev. Inst., London.
- 32 Giller, K.E., 2002. Targeting management of organic resources and mineral fertilizers: Can we  
33 match scientists' fantasies with farmers' realities? p. 155-171. *In* B. Vanlauwe et al. (ed)  
34 *Balanced nutrient management systems for the moist savanna and humid forest zones of*  
35 *Africa*. CABI, Wallingford.

- 1 Girard, N., and M. Navarette. 2005. Quelles synergies entre connaissances scientifiques et  
2 empiriques ? L'exemple des cultures du safran et de la truffe. *Natures Sci. Sociétés* 13:33-  
3 44.
- 4 Glasbergen, P., F. Biermann and A.P.J. Mol (ed) 2007. Partnerships, governance and  
5 sustainable development. Reflections on theory and practice. Edward Elgar, Cheltenham,  
6 UK.
- 7 Gómez, I. and M. Bordons. 1996. Limitaciones en el uso de los indicadores bibliométricos para la  
8 evaluación científica. *Política Científica* 46:21-26.
- 9 Gonzales, T.A. The cultures of the seed in the Peruvian Andes. Chapter 8. *In* S. Brush (ed) 1999.  
10 Genes in the field. On farm conservation of crop diversity. IPGRI, Rome and IDRC, Ottawa.
- 11 Gottlieb, R. 1993. Forcing the spring: The transformation of the American environmental  
12 movement. Island Press, Washington DC.
- 13 Graham, J.D., and J.B. Wiener. 1995. Risk vs. risk. Tradeoffs in protecting health and the  
14 environment. Harvard Univ. Press, Cambridge MA.
- 15 Granatstein, D. 2003. Tree fruit production with organic farming methods. Available at  
16 <http://organic.tfrec.wsu.edu/OrganicIFP/OrganicFruitProduction/OrganicMgt.PDF>.  
17 Wenatchee Center Sustain. Agric. Nat. Resour., Washington State Univ.
- 18 Granereau, A. 1969. Le livre de Lauzun. Les Éditions Gerbert, Aurillac.
- 19 Gray, M.E. and K.L. Steffey, 2007. Maximizing crop production inputs does not equate to  
20 integrated pest management. Univ. Illinois Extension, The Bull. 8, Article 2, 18 May 2007.
- 21 Gray, R., S. Malla, and P. Phillips. 1999. The public and non-for-profit sectors in a biotechnology-  
22 based, privatising world: The canola case. p. 501-522. *In* Proc. Conf. Transitions in  
23 Agbiotech: Economics of strategy and policy. Available at [http://agecon.lib.umn.edu/cgi-](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2192&ftype=.pdf)  
24 [bin/pdf\\_view.pl?paperid=2192&ftype=.pdf](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2192&ftype=.pdf).
- 25 Griliches, Z. 1992. The search for R&D spillovers. *Scand. J. Econ.* 94 (Suppl.):29-47.
- 26 Greathead, D.J. 1971. A review of biological control in the Ethiopian region. Tech. Comm. No. 5.  
27 CAB, Farnham Royal.
- 28 Greathead, D.J. 1976. A review of biological control in Western and Southern Europe. CAB,  
29 Farnham Royal.
- 30 Greathead, D.J. 2003. Historical overview of biological control in Africa. p. 1-26. *In* P.  
31 Neuenschwander et al. (ed) Biological control in IPM systems in Africa. CABI Publ.,  
32 Wallingford.
- 33 Griffin, K. 1979. Underdevelopment in history. *In* C.K. Wilber (ed) 1979. The political economy of  
34 development and underdevelopment. Random House, London.
- 35 Griffin, K., and A.R. Khan. 1998. Poverty in the world: Ugly facts and fancy models. *World Dev.*  
36 6(3):295-304.
- 37 Grimaldi, L. 1998. Disminuyen accidentes pot use de plaguicidas. *Prensa Libre*, 18-19.

- 1 Grimble, R. and K. Wellard. 1996. Stakeholder methodologies in natural resource management: a  
2 review of principles, contexts, experiences and opportunities. *Agric. Syst.* 65(2):173-193.
- 3 Grivetti, L.E., and B. Olge. 2000. Value of traditional foods in meeting macro- and micronutrient  
4 needs: The wild plant connection. *Nutr. Res. Rev.* 13:31-46.
- 5 Guerinot, M.L. 2000. Enhanced: The green revolution strikes gold. *Science* 287:241-243.
- 6 Guillon, M. 2004. Current world situation on acceptance and marketing of biological control  
7 agents BCAs. Available at  
8 <http://www.ibma.ch/pdf/20041028%20Presentation%20BCAs%20Thailand%20%20&%20Indones>  
9 [ia%20Cuba.pdf](http://www.ibma.ch/pdf/20041028%20Presentation%20BCAs%20Thailand%20%20&%20Indonesia%20Cuba.pdf). Int. Biocontrol Manufact. Assoc. Pau, France.
- 10 Guijt, I., and M.K. Shah. 1998. *The myth of community*. IT Publ., London.
- 11 Gurr, G., and S. Wratten (ed) 2000. *Measures of success in biological control*. Kluwer, Dordrecht.
- 12 Gurr, G.M., S.D. Wratten, P. Kehrli, and S. Scarratt. 2006. Cultural manipulations to enhance  
13 biological control in Australia and New Zealand: Progress and prospects. p. 154-166.  
14 *In Proc. Int. Symp. on Biological Control of Arthropods*. Davos, Switzerland. 12-16  
15 Sept. 2005. USDA Forest Service, FHTET, Fort Collins, CO.
- 16 Gurung, B., and H. Menter. 2004, Mainstreaming gender-sensitive participatory approaches: The  
17 CIAT case study. *In D. Pachico (ed) Scaling up and out: Achieving widespread impact*  
18 *through agricultural research*. CIAT, Cali.
- 19 Gutierrez, A.P., P. Neuenschwander, F. Schulthess, H.R. Herren, J.U. Baumgärtner, B.  
20 Wermelinger et al. 1988. Analysis of biological control of cassava pests in Africa: II. Cassava  
21 mealy bug *Phenacoccus manihoti*. *J. Appl. Ecol.* 25:921-940.
- 22 GTZ. 2004. *Combating world hunger through sustainable agriculture*. Available at  
23 <http://www2.gtz.de/dokumente/bib/04-5888.pdf>. GTZ, Germany.
- 24 Halberg, N., H.F. Alroe, M.T. Knudsen, and E.S. Kristensen. 2007. *Global development of organic*  
25 *agriculture: Challenges and prospects*. CABI Publ., UK.
- 26 Hall, A.J., B. Yoganand, R.V. Sulaiman, and N.G. Clark (ed) 2003. *Post-harvest innovations in*  
27 *innovation: Reflections on partnership and learning*. Crop Post-Harvest Programme South  
28 Asia, Aylesford.
- 29 Hall, A.J., W. Janssen, E. Pehu, and R. Rajalahti. 2006. *Enhancing agricultural innovation: How*  
30 *to go beyond strengthening research systems*. World Bank. Washington DC.
- 31 Halliday, M.L., L.Y. Kang, T.K. Zhou, M.D. Hu, Q.C. Pan, T.Y. Fu et al. 1991. An epidemic of  
32 hepatitis A attributable to the ingestion of raw clams in Shanghai, China/ *J. Infect. Dis.*  
33 164(5):852-859.
- 34 Halse, M. (ed) 1966. *Studies in block development and co-operative organisation*. Indian Inst.  
35 Manage., Ahmedabad.
- 36 Halweil, B. 2006. Can organic farming feed us all? *World Watch* 19(3):19-24.

- 1 Hamburger, J., and M. Ishii-Eiteman. 2003. The struggle to reduce reliance on pesticides in World  
2 Bank projects: Can community-based monitoring lead to improved policy compliance?  
3 PANNA, San Francisco.
- 4 Hammerschlag, K. 2007. More IPM please: How USDA could deliver greater environmental  
5 benefits from Farm Bill conservation programs. Issue Pap. NRDC, San Francisco.
- 6 Hammond, R., and L. McGowan. 1992. The other side of the story: The real impacts of World  
7 Bank structural adjustment programs. The Development Gap, Washington DC.
- 8 Hanak, E., E. Boutrif, P. Fabre, M. Pineiro (ed) 2002. Food safety management in developing  
9 countries. Proc. Int. Workshop, CIRAD-FAO. Montpellier. 11-13 Dec. 2000. CIRAD-FAO.  
10 CIRAD, Montpellier.
- 11 Hanger, J., J. Moris. 1973. Women and the household economy. *In* R. Chambers, J. Moris (eds).  
12 Mwea: An irrigated rice settlement in Kenya. Weltforum Verlag Munich.
- 13 Hardell, L., M.J. Walker, B. Wahjalt, L.S. Friedman, and E.D. Richter. 2007. Secret ties to  
14 industry and conflicting interests in cancer research. *Am. J. Indust. Med.* 50:227-233.
- 15 Hardon, J. 2004. Plant patents beyond control: Biotechnology, farmer seed systems and  
16 Intellectual Property Rights. Agromisa Foundation, Wageningen.
- 17 Harilal, K.N., N. Kanji, J. Jeyaranjan, M. Eapen, and P. Swaminathan. 2006. Power in global  
18 value chains. Implications for employment and livelihoods in the cashew nut industry in India.  
19 Summary Rep. IIED, London.
- 20 Harris, J. 1977. The limitations of HYV technology in North Arcot District: The views from a  
21 village. *In* B.H. Farmer (ed) *Green revolution? Technology and change in rice growing areas*  
22 *of Tamil Nadu and Sri Lanka.* Westview Press, Boulder.
- 23 Harris, J. 2001. *Depoliticizing development: The World Bank and social capital.* LeftWord Books,  
24 Glasgow.
- 25 Harrison, J. 2004. Invisible people, invisible places: Connecting air pollution and pesticide drift in  
26 California. *In* E.M. Dupuis (ed) *Smoke and mirrors: The politics and culture of air pollution.*  
27 NYU Press, NY.
- 28 Harriss, B. 1978. Rice processing projects in Bangladesh: An appraisal of a decade of proposals.  
29 *Bangladesh J. Agric. Econ.* 1(2):24-52.
- 30 Hatchuel, A. 2000. Intervention research and the production of knowledge. p. 55-68. *In* M. Cerf et  
31 al. (ed) *Cow up a tree. Knowing and learning for change in agriculture. Case studies from*  
32 *industrialised countries.* INRA Ed., Paris.
- 33 Havelock, R.G. 1969. *Planning for innovation through dissemination and utilization of knowledge.*  
34 Center for Research on Utilization of Scientific Knowledge, Ann Arbor, Michigan.
- 35 Havelock, R.G. 1986. Modelling the knowledge system. p. 77-105. *In* G.M. Beal et al. (ed)  
36 *Knowledge, generation, exchange and utilisation.* Westview, Boulder.

- 1 Haverkort, B., J. Van der Kamp, and A. Waters-Bayer (ed) 1991. *Joining farmers' experiments: Experiences in participatory technology development*. Intermediate Tech., London.
- 2
- 3 Hayami, Y., and V. Ruttan. 1985. *Agricultural development: An international perspective*. The Johns Hopkins Univ. Press, Baltimore.
- 4
- 5 Hayenga, M.L. 1998. Structural changes in the biotech seed and chemical industrial complex. *AgBioForum* 1:43-55.
- 6
- 7 Hayes, T.B. 2004. There is no denying this: Defusing the confusion about atrazine. *BioScience*. 54:1138-1149.
- 8
- 9 Haygood, R., A.R. Ives, and D.A. Andow. 2003. Consequences of recurrent gene flow from crops to wild relatives. *Proc. R. Soc. London B (Biol. Sci.)* 270(1527):1879-1886.
- 10
- 11 Hawkes, C., and M.T. Ruel. 2006. Understanding the links between agriculture and health. Focus 13. May. Available at <http://www.ifpri.org>. IFPRI, Washington DC.
- 12
- 13 Hazell, P., and C. Ramaswamy. 1991. *The green revolution reconsidered: The impact of high yielding rice varieties in South India*. John Hopkins Univ. Press, Baltimore.
- 14
- 15 Hediger, W., and B. Lehmann. 2003. Multifunctional agriculture and the preservation of environmental benefits. 25th Int. Conf. Agric. Econ., Durban. 16-22 Aug. Available at [http://www.iaae-agecon.org/conf/durban\\_papers/papers/096.pdf](http://www.iaae-agecon.org/conf/durban_papers/papers/096.pdf).
- 16
- 17
- 18 Heemskerk, W., and B. Wennink, 2005. Stakeholder-driven funding mechanisms for agricultural innovation. Case studies from Sub-Saharan Africa. Bull. 373. Dev. Policy and Practice, KIT, Amsterdam.
- 19
- 20
- 21 Heggum, C. 2001. Trends in hygiene management: the dairy sector example. *Food Control* 12:241-246.
- 22
- 23 Heisey, P.W, C.S. Srinivasan, and C.Thirtle. 2001. Public sector plant breeding in a privatized world. ERS, USDA. Agric. Inform. Bull. 722. USDA, Washington DC.
- 24
- 25 Heller, M.A., and R.S. Eisenberg. 1998. Can patents deter innovation? The anticommons in biomedical research. *Science* 280:698-701.
- 26
- 27 Hellinger, D. 1999. Statement at the First Public Hearing of the International Financial Institutions Advisory commission on Civil Society Perspectives on the IMF and World Bank. Available at [http://www.developmentgap.org/ifi\\_testimony.html](http://www.developmentgap.org/ifi_testimony.html). The Development Gap, Washington DC.
- 28
- 29
- 30 Hendrickson, M.K., and W. Heffernan. 2005. Can consolidated food systems achieve food security? p. 65-68. *In Proc. New Perspectives on Food Security*. 12-14 Nov. Glynwood Center, Cold Spring NY.
- 31
- 32
- 33 Heong, K.L., and M.M. Escalada. 1998. Changing rice farmers' pest management practices through participation in a small-scale experiment. *Int. J. Pest Manage.* 44:191-197.
- 34
- 35 Herdt, R.W., and J.W. Mellor. 1964. The contrasting response of rice to nitrogen: India and the United States. *J. Farm Econ.* 46:150-160.
- 36

- 1 Herdt, R.W. 2006. Establishing priorities for plant science research and developing world food  
2 security. *Eur. J. Plant Pathol.* 115:75-93.
- 3 Herren, H.R. 1990. Biological control as the primary option in sustainable pest management: The  
4 cassava pest project. *Bull. Soc. Ent. Suisse* 63:405-413.
- 5 Herren, H.R., and P. Neuenschwander. 1991. Biological control of cassava pests in  
6 Africa. *Ann. Rev. Entomol.* 36:257-283.
- 7 Herren, H., F. Schulthness and M. Knapp. 2005. Towards zero pesticide use in tropical  
8 agroecosystems. p. 135-146 *In* J. Pretty (ed) *The pesticide detox: Towards a more*  
9 *sustainable agriculture.* Earthscan, London.
- 10 Higley, L.G., and L.P. Pedigo. 1993. Economic injury level concepts and their use in sustaining  
11 environmental quality. *Agric. Ecosyst. Environ.* 46:233-244.
- 12 Hill, P. 1982. *Dry grain farming families. Hausaland (Nigeria) and Karnataka (India) compared.*  
13 Cambridge Univ. Press, UK.
- 14 Hilhorst, T., and F. Muchena (ed) 2000. *Nutrients on the move. Soil fertility dynamics in African*  
15 *farming systems.* IIED, London.
- 16 Hoard, R.J., and M.J. Brewer. 2006. Adoption of pest, nutrient and conservation vegetation  
17 management using financial incentives provided by a U.S. Department of Agriculture  
18 conservation program. *Hort Tech.* 16:306-311.
- 19 Hobart, M. 1994. Introduction: The growth of ignorance? Chapter 1. p. 1-30. *In* M. Hobart (ed) *An*  
20 *anthropological critique of development: The growth of ignorance.* Routledge, London.
- 21 Hobden, A. 1995. Paradigms and politics: The cultural construction of environmental policy in  
22 Ethiopia. *World Dev.* 23(6):1007-1022.
- 23 Hocdé, H., J.I. Vasquez, E. Holt, and A.R. Braun. 2000. Towards a social movement of farmer  
24 innovation: Campesino a Campesino. *ILEIA Newsl.* 16(2):26-27
- 25 Hocdé, H., J. Lançon, and G. Trouche (ed) 2002. *La sélection participative: Impliquer les*  
26 *utilisateurs dans l'amélioration des plantes. Actes de l'atelier.* Available at  
27 [http://publications.cirad.fr/une\\_notice.php?dk=476017](http://publications.cirad.fr/une_notice.php?dk=476017). Cirad, Montpellier.
- 28 Hodeshi, M., A. Kazuhiro, M. Shunsaku, T. Satoshi, S. Nobumichi, M. Motonobu et al. 1999.  
29 Massive outbreak of *Escherichia* O157:H7 infection in schoolchildren in Sakai City, Japan,  
30 associated with consumption of white radish sprouts. *Am. J. Epidemiol.* 150:787-796.
- 31 Hoekstra, A.Y., and A.K. Chapagtain. 2007. Water footprints of nations: Water use by people as a  
32 function of their consumption patterns. p. 35-48 *In* E. Craswell et al. (ed) *Integrated*  
33 *assessment of water resources and global change.* Springer Verlag, Netherlands.
- 34 Hogg, D. 2000. *Technological change in agriculture: Locking into genetic uniformity.* Macmillan  
35 Press, UK and St. Martin's Press, USA.
- 36 Hokkanen, H.M.T., and A.E. Hajek. (ed) 2003. *Environmental impact of microbial insecticides:*  
37 *Need and methods for risk assessment.* Kluwer Academic Publ., Dordrecht.



- 1 Holl, K., G. Daily, P. Ehrlich. 1990. Integrated pest management in Latin America. *Environ.*  
2 *Conserv.* 17:341-350.
- 3 Holland, J.M. 2004. The environmental consequences of adopting conservation tillage in Europe:  
4 Reviewing the evidence. *Agric. Ecosyst. Environ.* 103:1-25.
- 5 Holland, J., and J. Blackburn (ed) 1998. *Whose voice? Participatory research and policy change.*  
6 *Intermediate Tech. Publ., London.*
- 7 Holmgren, D. 2002. *Permaculture: Principles and pathways beyond sustainability.* Holmgren  
8 *Design Serv., Hepburn, Victoria, Australia.*
- 9 Hopper, K.R. 2001. Research needs concerning non-target impacts of biological control  
10 introductions. p. 39-56. *In* E. Wajnberg et al. (ed) 2001. *Evaluating indirect effects of*  
11 *biological control.* CABI Publ., Wallingford.
- 12 Hounkonnou, D. 2001. Listen to the cradle. Building from local dynamics for African renaissance.  
13 Case studies in rural areas in Benin, Burkina Faso and Ghana. *Publ. PhD thesis.*  
14 *Wageningen Univ., Wageningen.*
- 15 Howard, P.L. (ed) 2003. *Women and plants. Gender relations in biodiversity management and*  
16 *conservation.* ZED Books, London.
- 17 Howarth, F. 1990. Environmental impacts of classical biological control. *Ann. Rev. Entomol.*  
18 36:485-509.
- 19 Howell, J. (ed) 1980. *Borrowers and lenders; Rural financial markets and institutions in*  
20 *developing countries.* Overseas Dev. Inst., London.
- 21 Howell, J. 1982. *Managing agricultural extension: The T&V system in practice.* *Agric. Admin.*  
22 11:273-284.
- 23 Howell, J. (ed) 1988. *Training and visit extension in practice. Occas. Pap. 8.* Overseas Dev. Inst.,  
24 London.
- 25 Huang, J., Q. Wang, Y. Zhang, and J. Falck-Zapeda. 2001. *Agricultural bio-technology*  
26 *development and research capacity in China. Working Pap. Centre for Chinese Agric. Policy,*  
27 *Chinese Acad. Sci., Beijing.*
- 28 Huang, J., C. Pray, and S. Rozelle. 2002a. Enhancing the crops to feed the poor. *Nature*  
29 418:678-684.
- 30 Huang, J., R.Hu, S.Rozelle, F.Qiao, and C.E. Pray. 2002b. Transgenic varieties and productivity  
31 of smallholder cotton farmers in China. *Austral. J. Agric. Res. Econ.* 46: 367-387.
- 32 Huang, J., R. Hu, C.E. Pray, F. Qiao, and S. Rozelle. 2003. *Biotechnology as an alternative to*  
33 *chemical pesticides: a case study of Bt cotton in China.* *Agric. Econ.* 29:55-67.
- 34 Hubert, B., R.L. Ison, and N. Röling. 2000. The "Problematique" with respect to industrialised-  
35 country agricultures. p. 14-29. *In* Cow up a tree: *Knowing and learning for change in*  
36 *agriculture, case studies from industrialised countries.* M. Cerf et al. (ed) INRA Ed., Paris.
- 37 Hunter, G. 1969. *Modernising peasant societies.* Oxford Univ. Press, London.

- 1 Hunter, G. 1970. The administration of agricultural development: Lessons from India. Oxford  
2 Univ. Press, London.
- 3 Hunter, G., A.H. Bunting, and A.F. Bottrall (ed) 1976. Policy and practice in rural development.  
4 ODI-Croom Helm, London.
- 5 Huus-Bruun, T. 1992. Field vegetables in Denmark: An example of the role of the Danish  
6 Advisory Service in reducing insecticide use. p. 201-207. *In* J.C. van Lenteren et al. (ed)  
7 Biological control and integrated crop protection: Towards environmentally safer agriculture.  
8 Proc. Int. Conf. organized by IOBC/WPRS. Veldhoven, Netherlands, 8-13 Sept. 1991.  
9 PUDOC, Wageningen, Netherlands.
- 10 Huylenbroeck, G., and G. Durand (ed) 2003. Multifunctional agriculture: A new paradigm for  
11 European agriculture and rural development. Ashgate, Burlington VT.
- 12 Hyman, E.L. 1992. Local agro-processing with sustainable technology: Sunflower seed oil in  
13 Tanzania. Gatekeeper Ser. 33. IIED, London.
- 14 IAC (InterAcademy Council) 2004. Realizing the promise and potential of African agriculture.  
15 Science and technology strategies for improving agricultural productivity and food security in  
16 Africa. IAC, Amsterdam.
- 17 IATP. 1998. Marketing sustainable agriculture: Case studies and analysis from Europe. IATP,  
18 Minneapolis.
- 19 ICIPE. 2006. Activities and impacts of major projects, 1996-2006. ICIPE, Afr. Insect Sci. Food  
20 Health, Nairobi.
- 21 Idris, A.B., and E. Grafius. 1995. Wildflowers as nectar sources for *Diadegma insulare*  
22 (Hymenoptera: Ichneumonidae), a parasitoid of diamondback moth (Lepidoptera:  
23 Yponomeutidae). *Environ. Entomol.* 24(6):1726-1735.
- 24 IDS. 2006. Science and citizens: Global and local voices. IDS Policy Briefing Issue 30. Univ.  
25 Sussex, Brighton.
- 26 IFAD. 2003. Gender programme for IFAD's strategy equitable development for women and men  
27 in the Near East and North Africa. IFAD, Rome.
- 28 IFOAM. 2003. Organic trade a growing reality. An overview and facts on worldwide organic  
29 agriculture. IFOAM, Germany.
- 30 IIED. 2006. Rapport General Espace Citoyen d'Interpellation Démocratique (ECID) sur les OGM  
31 et l'avenir de l'agriculture au Mali. Sikasso, Mali. 25-29 Jan. IIED, London.
- 32 IFPRI. 2002. Green Revolution – curse or blessing? <http://www.ifpri.org/pubs/ib/ib11.pdf>. IFPRI,  
33 Washington DC.
- 34 IFPRI. 2005. Proceedings of an international dialogue on pro-poor public-private partnerships for  
35 food and agriculture. Available at  
36 <http://www.ifpri.org/events/conferences/2005/ppp/PPPProc.pdf>. IFPRI, Washington DC.
- 37 IIRR. 1996. Recording and using indigenous knowledge: A manual. IIRR, Cavite, Philippines.

- 1 IIRR. 2005. Linking people to policy. From participation to deliberation in the context of Philippine  
2 community forestry. IIRR, Cavite, Philippines.
- 3 Imbroglini, G. 1992. Limited use of pesticides: the Italian commitment. p. 149-157. *In* J.C. van  
4 Lenteren et al. (ed) Biological control and integrated crop protection: towards environmentally  
5 safer agriculture. Proc. Int. Conf. organized by IOBC/WPRS. Veldhoven, Netherlands. 8-13  
6 Sept. 1991. PUDOC, Wageningen.
- 7 Iowa State University. 2007. Impact bioeconomy. Stories in agriculture and life sciences. College  
8 Agric. Life Sci., Iowa State Univ. Ames.
- 9 IPPC. 2005. Revision of ISPM No. 3: Guidelines for the export, shipment, import and release of  
10 biological control agents and beneficial organisms. Draft for country consultation -2004.  
11 Available at <https://www.ippc.int/IPP/En/default.jsp>. Int. Plant Prot. Conv. (IPPC).
- 12 IRRI. 1985. Women in rice farming. Gower Publ., UK.
- 13 Irwin, A., and H. Rothstein. 2003. Regulatory science in a global regime. p. 77-86 *In* F. den Hond,  
14 et al. (ed) Pesticides: problems, improvements, alternatives. Blackwell, Oxford.
- 15 Ishii-Eiteman, M. and N. Ardhanie. 2002. Community monitoring of integrated pest management  
16 versus conventional pesticide use in a World Bank project in Indonesia. Int. J. Occup.  
17 Environ. Health 8:220-231.
- 18 Ismael, Y. 2001. Smallholder adoption and economic impacts of Bt cotton in the Makhathini Flats,  
19 Republic of South Africa. Rep. DFID Nat. Resour. Policy Res. Prog., Project R7946. DFID,  
20 London.
- 21 ISNAR. 2002. Gender and agriculture in the information society. Briefing Pap. 55. Sept. Available  
22 at <http://www.isnar.cgiar.org/publications/briefing/bp55.htm>. ISNAR, IFPRI, Washington DC.
- 23 ITU (International Telecommunications Union). 2006. World telecommunications/ICT  
24 development report 2006: Measuring ICT for social and economic development. ITU,  
25 Geneva.
- 26 Izuno, T. 1979. Maize in Asian cropping systems: Historical review and considerations for the  
27 future. CIMMYT Asian Rep. No. 9. CIMMYT, New Delhi.
- 28 Jacobs, M., and B. Dinham (ed) 2003. Silent invaders: Pesticides, livelihoods and women's  
29 health. Zed Books. NY.
- 30 Jain, V. 1992. Disposing of pesticides in the third world. Environ. Sci. Tech. 26:226.
- 31 Jakobson, K.M., and A.K. Dragun (ed) 1996. Contingent valuation and endangered species.  
32 methodological issues and applications. Edward Elgar, Cheltenham.
- 33 James, C. 2004. Global status of commercialized biotech/GM crops: 2004. ISAAA Briefs No. 32.  
34 ISAAA, Ithaca.
- 35 Jaradat, A.A., M. Shahid, and A.Y. Al Maskri. 2004. Genetic diversity in the Batini barley landrace  
36 from Oman: I. Spike and seed quantitative and qualitative traits. Crop Sci. 44:304-315.

- 1 Jennings, B. 1997. The killing fields: Science and politics at Berkeley, California, USA. *Agric.*  
2 *Human Values* 14:259-271.
- 3 Jensen, R. 2000. Agricultural volatility and investments in children. *Am. Econ. Rev.* 90(2):399-  
4 404.
- 5 Jensen, J.E., and P.H. Petersen. 2001. The Danish pesticide action plan II: Obstacles and  
6 opportunities to meet the goals. p. 449-454. *In* The BCPC Conf. Weeds 2001, Brit. Crop Prot.  
7 Council, Farnham UK.
- 8 Jervis, M.S., M.A. Kidd, M.D. Fitton, T. Huddleson, and H. Dawah. 1993. Flower visiting by  
9 hymenopteran parasitoids. *J. Nat. Hist.* 27:287-294.
- 10 Jiggins, J. 1984. Rhetoric or reality: Where do women in development projects stand today?  
11 *Agric. Admin.* Part I - 15(3):157-175; Part II – 15(4):223-237.
- 12 Jiggins, J. 1986. Gender-related impacts and the work of the international agricultural research  
13 centers. CGIAR Impact Study Pap. No. 17. World Bank, Washington DC.
- 14 Jiggins, J. (ed) 1989 International seminar on rural extension policies. Proc. IAC, Wageningen.
- 15 Jiggins, J., and G. Poulter. 2007. A strategic vision for European ARD in 2015 and beyond. Rep.  
16 ERA-Net project, European research area - Agricultural research for development. June.  
17 Available at [www.era-ard.org](http://www.era-ard.org).
- 18 Johnson, D.G. 1996. China's rural and agricultural reforms: Successes and failure. Chinese  
19 Econ. Res. Unit (CERU), Univ. Adelaide.
- 20 Johnson, D.G. 2000. Facts, trends and issues of open markets and food security. Pap. No. 00-01.  
21 Available at [www.aic.ucdavis.edu/research/Aaas.pdf](http://www.aic.ucdavis.edu/research/Aaas.pdf). Off. Agric. Econ. Res., Univ. Chicago.
- 22 Jones, G. (ed) 1986. Investing in rural extension: Strategies and goals. Elsevier, London.
- 23 Jones, G.E., and M.J. Rolls. 1982. Progress in rural extension and community development.  
24 John Wiley, NY.
- 25 Jones, M. 2004. The capacity of Africa's agricultural sector to contribute to achieving the UN  
26 Millennium Development Goals. Special Pap.. Ann. Rep. 2004. CTA, Wageningen.
- 27 Joshi, K.D., B.R. Sthapit, and J.R. Witcombe. 2001. How narrowly adapted are the products of  
28 decentralized breeding? The spread of rice varieties from a participatory plant breeding  
29 programme in Nepal. *Euphytica* 122:589-597.
- 30 Joshi, K.D., A.M. Musa, C. Johansen, S. Gyawali, D. Harris, and J.R. Witcombe. 2007. Highly  
31 client-oriented breeding, using local preferences and selection, produces widely adapted rice  
32 varieties. *Field Crops Res.* 100:107-116.
- 33 Jungbluth, F. 1996. Crop protection policy in Thailand-economic and political factors influencing  
34 pesticide use. Pesticide Policy Project Publ. Ser. No. 5, Institut fur Gartenbauökonomie,  
35 Univ. Hannover, Germany.

- 1 Jungbluth, F. 2000. Economic analysis of crop protection in citrus production in central Thailand.  
2 Pesticide Policy Proj. Publ. Ser. Special Issue 4, Inst. Gartenbauökonomie, Univ. Hannover,  
3 Germany.
- 4 Jutsum, A.R., S.P. Heaney, B.M. Perrin, and P.J. Wege. 1998. Pesticide resistance: Assessment  
5 of risk and development and implementation of effective management strategies. *Pest. Sci.*  
6 54:435-446.
- 7 Kairo, M.T.K. 2005. Hunger poverty and protection of biodiversity: Opportunities and challenges  
8 for biological control. p. 228-236. *In Proc. Int. Symp. Biological Control of Arthropods*. Davos,  
9 Switzerland. 12-16 Sept. 2005. USDA Forest Service, FHTET, Fort Collins, CO.
- 10 Kalkoven, J.T.R. 1993. Survival of populations and the scale of the fragmented agricultural  
11 landscape. p. 83-90. *In R.G.H. Bunce et al. (ed) Landscape ecology and agroecosystems*.  
12 Lewis Publ., Boca Raton.
- 13 Kampen, J. 1997. Financing agricultural research: Lessons learned with agricultural research  
14 funds. World Bank, Washington DC.
- 15 Kamuanga, M. 2001. Farmers' perceptions of the impacts of tsetse and trypanosomosis control  
16 on livestock production: evidence from southern Burkina Faso. *Trop. Anim. Health Prod.*  
17 33:(2)141.
- 18 Kassa, B., and H. Beyene. 2001. Efficacy and economics of fungicide spray in the control of late  
19 blight of potato in Ethiopia. *Afr. Crop Sci. J.* 9(1):245.
- 20 Karel, B. 2004. The persistence of pesticide dependence: A review of World Bank projects and  
21 their compliance with the World Bank's pest management policy, 1999-2003. PANNA, San  
22 Francisco.
- 23 Kardan, N. 1993. Development approaches and the role of policy advocacy: The case of the  
24 World Bank. *World Dev.* 21(11):1173-1186.
- 25 Kataki, P.K., S.P. Srivastava, M. Saifuzzaman, and H.K. Upreti. 2001. Sterility in wheat and  
26 response of field crops to applied boron in the Indo-Gangetic plains. *J. Crop Prod.* 4:133-  
27 165.
- 28 Keese P., O. Galman-Omitogun, and E.B. Sonaiya. 2002. Seeds of promise: Developing a  
29 sustainable agricultural biotechnology industry in sub-Saharan Africa. *Nat. Resour. Forum*  
30 26:234-244.
- 31 Kelly, L. 2005. Addressing challenges of globalization: An independent evaluation of the World  
32 Bank's approach to global programs. Operations Evaluation Dep., World Bank, Washington  
33 DC.
- 34 Kenmore, P.E., F.O Carino., C.A. Perez., V.A. Dyck, and A.P. Gutierrez. 1984. Population  
35 regulation of the brown planthopper within rice fields in the Philippines. *J. Plant Prot. Trop.*  
36 1(1):19-37.

- 1 Kennedy, D. 2001. Enclosing the research commons: The privatization of scientific research.  
2 Science 294:2249.
- 3 Kerr, J., and S. Kolavalli. 1999. Impact of agricultural research in poverty alleviation; Conceptual  
4 framework with illustrations from literature. EPTD Disc. Pap. IFPRI, Washington DC.
- 5 Kerr, N.A. 1987. The legacy: A centennial history of the state agricultural experiment stations:  
6 1887-1987. Univ., Missouri, Columbia.
- 7 Khan, Z.R., K. Ampong-Nyarko, P. Chiliswa, A. Hassanali, S. Kimani, W. Lwande et al. 1997.  
8 Intercropping increases parasitism of pests. Nature 388:631-632.
- 9 Khush, G.S. 2001. Challenges of meeting the global food and nutrient needs in the new  
10 millennium. Proc. Nutrition Society, 60:15-26.
- 11 Kilcher, L. 2007. How organic agriculture contributes to sustainable development. J. Agric. Res.  
12 Trop. Subtrop. (Suppl) 89:31-49.
- 13 King, J.L. 2001. Concentration and technology in agricultural input industries. Agric. Inform. Bull.,  
14 763. USDA, Washington DC.
- 15 Kipkoech, K.A., F. Schulthess, W.K. Yabban, H.K. Maritim, and D. Mithoefer. 2006. Economics of  
16 biological control of cereal stem borers in Kenya. Ann. Soc. Entomol. France 42:519-528.
- 17 Kishi, M. 2005. The health impacts of pesticides: What do we know now? Chapter 2. *In* J. Pretty  
18 (ed) The pesticide detox: Towards a more sustainable agriculture. Earthscan, London.
- 19 Kishi, M., N. Hirschhorn, M. Qjajadisastra, L. Satterlee, S. Strowman, and R. Dilts. 1995.  
20 Relationship of pesticide spraying to signs and symptoms in Indonesian farmers. Scand. J.  
21 Work Environ. Health 21:124-33.
- 22 Kleinman, D.L., and S.P. Vallas. 2001. Science, capitalism and the rise of the “knowledge  
23 worker”: The changing structure of knowledge production in the United States. Theory  
24 Society 30:451-492.
- 25 Kline, S., and N. Rosenberg. 1986. An overview of innovation. p. 275-396. *In* R. Landau, and N.  
26 Rosenberg (ed) The positive sum strategy. Harnessing technology for economic growth. Nat.  
27 Acad. Press, Washington DC.
- 28 Knight, R. 2007. Interim report 2006 on investigating environmental benefits. The voluntary  
29 initiative indicator farms project. Crop Prot. Assoc. UK and Farming and Wildlife Advisory  
30 Group (FWAG). Environ. Agency, UK.
- 31 Knudsen, M.T., N. Halberg, J.E. Olesen, J. Byrne, V. Iyer, and N. Toly. 2005. Global trends in  
32 agriculture and food systems. *In* N. Halberg et al. (ed) Global development of organic  
33 agriculture: Challenges and promises. CABI, UK.
- 34 Koc, M., R. MacRae, L.J.A. Mougeot, and J. Welsh (ed) 1999. For hunger-poor cities:  
35 Sustainable urban food systems. IDRC, Canada.
- 36 Korten, A. 1995. A bitter pill: Structural adjustment in Costa Rica. Inst. Food Dev. Policy, San  
37 Francisco.

- 1 Korten, D.C., and F.B. Alfonso. 1983 *Bureaucracy and the poor: Closing the gap*. Kumarian,  
2 Westport.
- 3 Kremer, M. 2003. Encouraging private sector for tropical agriculture. 7th Int. Conf. Public Goods  
4 and Public Policy for Agric. Biotech. Ravello, Italy.
- 5 Krinsky, S. 1999. The profit of scientific discovery and its normative implications. *Kent Law Rev.*  
6 75:15-39.
- 7 Krinsky, S., and D. Golding (ed) 1992. *Social theories of risk*. Praeger, Westport.
- 8 Kroma, M.M., and C.B. Flora. 2003. Greening pesticides: A historical analysis of the social  
9 construction of farm chemical advertisements. *Agric. Human Values* 20:21-35.
- 10 Kuhn, T.S. 1970. *The structure of scientific revolutions*. Univ. Chicago Press.
- 11 Kumar, N., and N.S. Sidharthan. 1997. *Technology, market structure and internationalisation:  
12 Issues and policies for developing countries*. UNU/INTECH Routledge, London.
- 13 Kumari, B., and R. Kumar. 2003. Magnitude of pesticidal contamination in winter vegetables from  
14 Hisar, Haryana. *Environ. Monitor. Assess.* 87(3):311-318.
- 15 LaBelle, J. 2005. How has the food system become vulnerable? Executive summary. p.1-12. *In*  
16 *Proc. New Perspectives on Food Security*. 12-14 Nov. Available at  
17 <http://www.glynwood.org/programs/foodsec/Executive%20Summary.pdf>. Glynwood Center,  
18 Cold Spring NY.
- 19 Ladejinsky, L.J. (ed) 1977. *Agrarian reform as unfinished business: The selected papers of Wolf  
20 Ladejinsky*. Oxford Univ. Press, Oxford.
- 21 Laird, S.A. (ed) 2002. *Biodiversity and traditional knowledge. Equitable partnerships in practice.*  
22 Earthscan, London.
- 23 Lal, R. 1989. Conservation tillage for sustainable agriculture: Tropics versus temperate  
24 environments. *Adv. Agron.* 42:85-197.
- 25 Lal, R., N. Uphoff, B.A. Stewart, and D.O. Hansen. 2005. *Soil carbon depletion and the  
26 impending food crisis*. CRC Press, Baton Rouge FL.
- 27 Lang, T. 2006. Agriculture, food and health: Perspectives on a long relationship. *In* C. Hawkes  
28 and M.T. Ruel (ed) *Understanding the links between agriculture and health*. Focus 13, Brief  
29 2, May. Available at [http://www.ifpri.org/2020/focus/focus13/focus13\\_02.pdf](http://www.ifpri.org/2020/focus/focus13/focus13_02.pdf). IPPRI,  
30 Washington DC.
- 31 Latorse, M.P., and K.H. Kuck. 2006. Phytophthora infestans: Baseline sensitivity and resistance  
32 management for fluopicolide. *Pflanzenschutz-Nachrichten Bayer* 59 (2-3):317-322.
- 33 Latouche, K., P. Rainelli, and D. Vermersch. 1998. Food safety issues and the BSE scare: Some  
34 lessons from the French case. *Food Policy* 23(5):347-356.
- 35 Latour, B. 2004. *Politics of nature. How to bring the sciences into democracy*. Harvard Univ.  
36 Press, Cambridge MA.

- 1 Leach, M., I. Scoones and B. Wynne (ed) 2005. *Science and citizens: Globalization and the*  
2 *challenge of engagement*. Zed Books, London.
- 3 Leach, M., and I. Scoones. 2006. *The slow race. Making technology work for the poor*. Demos,  
4 London.
- 5 Leeuwis, C., and A. van den Ban. 2004. *Communication for rural innovation. Rethinking*  
6 *agricultural extension*. 3<sup>rd</sup> ed. Blackwell Science, Oxford.
- 7 Lele, U. 1975. *The design of rural development: Lessons from Africa*. Johns Hopkins Univ. Press,  
8 Baltimore.
- 9 Lele, U. and A.A. Goldsmith. 1989. The development of national agricultural research capacity:  
10 India's experience with the Rockefeller Foundation and its significance for Africa. *Econ. Dev.*  
11 *Cult. Change* 37(2):305-343.
- 12 Lenne, J.M., and J.B. Smithson. 1994. Varietal mixtures: a viable strategy for sustainable  
13 productivity in subsistence agriculture. *Aspects Appl. Biol.* 39:161-170.
- 14 Leonard, D.K. 1977. *Reaching the peasant farmer. Organization, theory and practice in Kenya*.  
15 Univ. Chicago Press.
- 16 Lesser, W., and M. Mutschler. 2002. Lessons from the patenting of plants. p. 103–118. *In* M  
17 Rotschild, S. Newman (ed) *Intellectual property rights in animal breeding and genetics*. CABI,  
18 Wallingford.
- 19 Lewis, W.J., J.C. van Lenteren, S.C. Phatak, and J.H. Tumlinson. 1997. A total system approach  
20 to sustainable pest management. *PNAS* 94(23):12243-12248.
- 21 Liebenthal, A. 2002. Promoting environmental sustainability in development: An evaluation of the  
22 World Bank's performance. *Oper. Eval. Dep.*, World Bank, Washington DC.
- 23 Lightfoot, C., C. Alders and F. Dolberg (ed) 2002. *Linking local learners: Negotiating new*  
24 *relationships between village, district and nation*. ISG/ARDAF/Agroforum, Greve, Denmark.
- 25 Lighthall, D. 1995. Farm structure and chemical use in the corn belt. *Rural Soc.* 60(3):505-520.
- 26 Lindstrom, J., and R. Kingamkono. 1991. *Foods from forests, fields and fallows*. Working Pap.  
27 184. Swedish Univ. Agric. Sci., Uppsala.
- 28 Lio, M. and Meng-Chun Liu. 2006. ICT and agricultural productivity: Evidence from cross-country  
29 survey data. *Agric. Econ.* 34(3):221-228.
- 30 Lionberger, H. 1960. *Adoption of new ideas and practices*. Iowa State Univ. Press, Ames.
- 31 Lionberger, H. 1986. Towards an idealised systems model for generating and utilising information  
32 in modernising societies. p. 105-135. *In* G.M. Beal et al. (ed) *Knowledge generation,*  
33 *exchange and utilization*. Westview Press, Boulder.
- 34 Lionberger, H., and P. Gwin. 1991. *Technology transfer from research to Users*. Univ. Missouri  
35 Press, Colombia.
- 36 Lipton, M. 2001. Challenges to meet: Food and nutrition security in new millennium. *Proc. Nutr.*  
37 *Society* 60:203-214.



- 1 Lipton, M. 2005. The family farm in a globalizing world. The role of crop science in alleviating  
2 poverty. 2020 Disc.Pap. 40. IFPRI, Washington DC.
- 3 Lipton, M. and R. Longhurst. 1989. New seeds and poor people. Unwin Hyman, London.
- 4 Litsinger, J.A. 1989. Second generation insect pest problems on high yielding rices. *Trop. Pest*  
5 *Manage.* 35(3):235-242.
- 6 Lockie, S., and F. Vanclay (ed) 1997. *Critical landcare*. Centre Rural Social Res. Charles Sturt  
7 Univ., WaggaWagga.
- 8 Loevinsohn, M.E. 1987. Insecticide use and increased mortality in rural Central Luzon,  
9 Philippines. *The Lancet* 8546:1350-1362.
- 10 Löhr, B., R. Gathu, C. Kariuki, J. Obiero, and G. Gichini. 2007. Impact of an exotic parasitoid on  
11 *Plutella xylostella* (Lepidoptera: Plutellidae) population dynamics, damage and indigenous  
12 natural enemies in Kenya. *Bull. Entomol. Res.* 97:337-350.
- 13 London, L., A. Ngowi, M. Perry, H.A. Rother, E. Cairncross, A. Solomon et al. 2005. Health and  
14 economic consequences of pesticide use: The experience of the HHED programme on  
15 pesticides in Southern Africa. *Epidemiol.* 16:S29.
- 16 Loomis, C.P., and J.A. Beagle. 1950. *Rural social systems*. Prentice Hall, NY.
- 17 Losey, J.E. and M. Vaughan 2006. The economic value of ecological services provided by  
18 insects. *Bioscience* 56:310-323.
- 19 Louwaars, N.P., R. Tripp, D. Eaton, V. Henson-Apollonio, R. Hu, M. Mendoza et al. 2005.  
20 Impacts of strengthened intellectual property rights regimes on the plant breeding industry in  
21 developing countries: A synthesis of five case studies. Centre for Genetic Resources,  
22 Wageningen.
- 23 Lubchenco, J. 1998. Entering the century of the environment: A new social contract for science.  
24 *Science* 279:491-497.
- 25 Lumbreras, L.G. 1992. Cultura, tecnologica y modelos alternativos de desarrollo. *Comercio*  
26 *Exterior* 42:199-205.
- 27 Luther, G., C. Harris, S. Sherwood, K. Gallagher, J. Mangan, and K. Touré Gamby. 2005.  
28 Developments and innovations in farmer field schools and training of trainers. p. 159-190. *In*  
29 G.W. Norton et al. (ed) *Globalizing integrated pest management: A participatory research*  
30 *process*. Blackwell Science, Oxford.
- 31 Lyson, T.A. 2005. Systems perspectives on food security. p. 65-68. *In Proc. New Perspectives on*  
32 *Food Security*. 12-14 Nov. Glynwood Center, Cold Spring NY.
- 33 Maathai, W. 2003. *Green Belt Movement: Sharing the approach and the experience*. Lantern  
34 Books, NY.
- 35 Macha, M., A. Rwazo, and H. Mkalanga. 2001. Retail sales of pesticides in Tanzania:  
36 occupational human health and safety considerations. *Afr. Newsl. Occup. Health Safety*  
37 11(2):40-42.

- 1 Macharia, I., B. Löhr and H. De Groot. 2005. Assessing the potential impact of biological control  
2 of *Plutella xylostella* (diamondback moth) in cabbage production in Kenya. *Crop Prot.* 24:  
3 981-989.
- 4 Macharia, I., D. Mithoefer, and B. Löhr. 2007. Update of the ex-ante impact assessment of the  
5 biological control of *Plutella xylostella* (Diamondback moth) in Kenya. *In* A.M. Shelton et al.  
6 (ed) 2006. *Proc. 5th Int. Workshop on Diamondback Moth and other Crucifer Insect Pests.*  
7 Beijing. 24-27 Oct. 2006.
- 8 Malik, R.K. 1981. Food a priority for consumer protection in Asia and the Pacific region. *Food*  
9 *Nutr.* 7:2.
- 10 Mancini, F. 2006. An evaluation of farmer field schools in the cotton areas of southern India:  
11 Impacts on farmers' health, the environment, labour use, farming systems and livelihoods.  
12 Publ. PhD. Wageningen Univ., Wageningen.
- 13 Mancini, F., A. van Bruggen, J. Jiggins, 2007. Evaluating cotton integrated pest management  
14 (IPM) farmer field school outcomes using a sustainable livelihoods approach in India. *Exp.*  
15 *Agric.* 43:97-112.
- 16 Mangan, J., and M. Mangan. 1998. A comparison of two IPM training strategies in China: the  
17 importance of concepts of the rice ecosystem for sustainable insect pest management. *Agric.*  
18 *Human Values* 15:209-221.
- 19 Mangione, D., S. Senni, M. Puccione, S. Gando, S. Ceccarelli. 2006. The cost of participatory  
20 barley breeding. *Euphytica* 150:289-306.
- 21 Maredia, M.K., and D.A. Raitzer. 2006. CGIAR and NARS partner research in sub-Saharan  
22 Africa: evidence of impact to date [Online]. Available at  
23 [http://www.sciencecouncil.cgiar.org/activities/spia/pubs/CGIAR\\_WP\\_AI-proof3.pdf](http://www.sciencecouncil.cgiar.org/activities/spia/pubs/CGIAR_WP_AI-proof3.pdf). CGIAR  
24 Sci. Council, Washington DC.
- 25 Martin, G.J. 1995. *Ethnobotany, a methods manual.* WWF International, Chapman and Hall.  
26 London.
- 27 Martinez-Torres, M. 2006. *Organic coffee: Sustainable development by Mayan farmers.* Ohio  
28 Univ. Press.
- 29 Mason, J., A. Bailes, M. Beda-Andourou, N. Copeland, T. Curtis, M. Deitchler et al. 2005. Recent  
30 trends in malnutrition in developing regions: Vitamin A deficiency, anaemia, iodine deficiency,  
31 and child undernutrition. *Food Nutr. Bull.* 26(1):59-107.
- 32 Master, W.A. 2003. Research prizes: A mechanism for innovation in African agriculture. 7<sup>th</sup>  
33 ICABR Int. Conf. Public Goods and Public Policy for Agricultural Biotechnology. Ravello,  
34 Italy.
- 35 Mathews, K. Jr., and J. Buzby. 2001. Dissecting the challenges of mad cow and foot-and-mouth  
36 disease. ERS/USDA, *Agricultural Outlook/August*, Washington DC.

- 1 Mattera, P. 2004. USDA Inc.: How Agribusiness has hijacked regulatory policy at the U.S.  
2 Department of Agriculture. Corporate Res. Project, Good Jobs First, Washington DC.
- 3 Matteson, P.C., M.A. Altieri and W.C. Gagne. 1984. Modification of small farmer practices for  
4 better pest management. *Ann. Rev. Entomol.* 24:383-402.
- 5 Matson, P.A., W.J. Parton, A.G Power, and M.J. Swift. 1997. Agricultural intensification and  
6 ecosystem properties. *Science* 227:504-509.
- 7 Maturana and Varela. 1992. *The tree of knowledge: The biological roots of understanding.*  
8 Shambhala, Boston.
- 9 Maunder, A.H. 1972. *Agricultural extension. A reference manual.* FAO, Rome.
- 10 Mayberry, B.D. 1991. *A century of agriculture in the 1890 land-grant institutions and Tuskegee*  
11 *University—1890–1990.* Vantage Press, NY.
- 12 Mazoyer M. 2005. Développement agricole inégal et sous-alimentation paysanne *In* L. Roudard  
13 and M. Mazoyer (ed) *La fracture agricole et alimentaire mondiale, nourrir l'humanité*  
14 *aujourd'hui et demain.* Encycl. Universalis, Paris.
- 15 Mazoyer, M., and L. Roudard. 2005. Brève histoire des agricultures du monde *In* M. Mazoyer and  
16 L. Roudard (ed) *La fracture agricole et alimentaire mondiale, nourrir l'humanité aujourd'hui et*  
17 *demain.* Encycl. Universalis, Paris.
- 18 Mboob, S.S. 1994. Integrated pest management: A review of the consultants' report and its  
19 relevance to West Africa. p. 9-12. *In* IPM Working Group, Nat. Resources Inst, (ed) IPM  
20 *Implementation Workshop for West Africa. Workshop Proc. Accra.* NRI, Chatham.
- 21 McConnell, R., and A.J. Hruska. 1993. An epidemic of pesticide poisoning in Nicaragua:  
22 Implication for prevention in developing countries. *Am. J. Public Health* 83(11):1559-1562.
- 23 McCown, R.L., G.L. Hammer, J.N.G. Hargreaves, D. Holzworth, and D.M. Freebairn. 1996.  
24 APSIM: A novel software system for model development, model testing and simulation in  
25 agricultural systems research. *Agric. Syst.* 50:255-271.
- 26 McCown, R.L., Z. Hochman, and P.S. Carberry (ed) 2002. Learning from 25 Years of agricultural  
27 DSS: Case histories of efforts to harness simulation models for farm work. *Agic. Syst.* 74:1-  
28 220.
- 29 McFadyen, R.C. 1998. Biological control of weeds. *Ann. Rev. Entomol.* 43:369-393.
- 30 McGowan, L. 1997. Democracy undermined, economic justice denied: Structural adjustment and  
31 the aid juggernaut in Haiti. *The Development Gap,* Washington DC.
- 32 McMichael, P. 2001. The impact of globalization, free trade and technology on food and nutrition  
33 in the new millennium. *Proc. Nutr. Society.* 60(2):195-201.
- 34 Mead, P.S., L. Slutsker, V. Dietz, L.F. McCaig, J.S. Bresee, C. Shapiro et al. 1999. Food-related  
35 illness and death in The United States. *Emerging Infect. Dis.* 5:607-625.
- 36 Meinzen-Dick, R., M. Adato, L. Haddad, and P. Hazell. 2004. Science and poverty, an  
37 interdisciplinary assessment of the impact of agricultural research. IFPRI, Washington DC.

- 1 Meir, C., and S. Williamson. 2005. Farmer decision-making for ecological pest management. p.  
2 82-96 in J. Pretty. (ed) The pesticide detox: Towards a more sustainable agriculture.  
3 Earthscan, London.
- 4 Mellon, M., and J. Rissler. 2004. Gone to seed: Transgenic contaminants in the traditional seed  
5 supply. Available at  
6 [http://www.ucsusa.org/food\\_and\\_environment/biotechnology/page.cfm?pageID=13-15](http://www.ucsusa.org/food_and_environment/biotechnology/page.cfm?pageID=13-15).  
7 Union Concerned Scientists, Cambridge MA.
- 8 Mellor, J.W., 1966. The economics of agricultural development. Cornell Univ. Press, Ithaca.
- 9 Mellor, J.W. 1990. Global food balances and food security. In C.K. Eicher and J.M. Staatz (ed)  
10 Agricultural development in the third world. 2nd ed. Johns Hopkins Univ. Press,  
11 Baltimore. Mendelsohn, R. 2000. The market value of farmers' rights. In V. Santaniello et al.  
12 (ed) Agriculture and intellectual property rights: Economic, institutional and implementation  
13 issues in biotechnology, CABI Publ., UK.
- 14 Menezes, F. 2001. Food sovereignty: A vital requirement for food security in the context of  
15 globalization. Thematic Section: Putting people centre stage. Society Int. Dev. SAGE Publ.,  
16 London.
- 17 Merton, R.K. 1957. Social theory and social structure. The Free Press, Glencoe.
- 18 Mitchell, J.P., P.B. Goodell, R. Krebill-Prather, T. Prather, K. Hembree, D. Munk et al. 2001.  
19 Innovative agricultural extension partnerships in California's central San Joaquin valley. J.  
20 Extension 39(6). Available at <http://www.joe.org/joe/2001december/rb7.html>.
- 21 Mkumbira, J. 2002. Cassava development for small farmers. Approaches to breeding in Malawi.  
22 PhD thesis. Agraria 365. Swedish Univ. Agric. Sci., Uppsala.
- 23 Mkumbira, J., L. Chiwona-Karlton, U. Lagercrantz, N.M. Mahungu, J. Saka, M. Hone et al. 2003.  
24 Classification of cassava into 'bitter' and 'cool' in Malawi: From farmers' perception to  
25 characterisation by molecular markers. Euphytica 132:7-22.
- 26 Mol, A.P.J., and H. Bulkley. 2002. Food risks and the environment: Changing perspectives in a  
27 changing social order. J. Environ. Policy Plan. 4:185-195.
- 28 Mollison, B. 1988. Permaculture: A designer's manual. Tagari Publications, Tylagum, Australia.
- 29 Moock, P.R. 1976. The efficiency of women as farm managers: Kenya. Am. J. Agric. Econ.  
30 58:831-835.
- 31 Mook, B. 1974. Value and action in Indian bureaucracy. Disc. Pap. no. 65. IDS, Sussex.
- 32 Moore, D. 2004. Biological control of *Rastrococcus invadens*. Biocontrol News Inform. 25(1):17N-  
33 27N. Available at <http://www.pestscience.com/PDF/BNlra67.PDF>. CABI, UK.
- 34 Morales, J.A. 1991. Structural adjustment and peasant agriculture in Bolivia. Food Policy 16:58-  
35 66.
- 36 Morgan, P., and H. Baser. 1993. Making technical cooperation more effective. New approaches in  
37 international development. CIDA, Tech. Coop. Div., Hull.

- 1 Moris, J. 1981. Managing induced rural development. Int. Dev. Inst., Bloomington.
- 2 Moris, J. 1989. Extension under East African field conditions. p. 73-85. *In* N. Roberts (ed) 1989.
- 3 Agricultural extension in Africa. World Bank Symp. Available at
- 4 [http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content\\_storage\\_01/0000019b/80/20/83/](http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/20/83/7c.pdf)
- 5 [7c.pdf](http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/20/83/7c.pdf). World Bank, Washington DC.
- 6 Morris, M. 1998. Maize seed industries in developing countries. Lynne Rienner Publ., Boulder
- 7 CO.
- 8 Morris, M., and B. Ekasingh. 2001. Plant breeding research in developing countries: what roles
- 9 for the public and private sectors. *In* D. Byerlee, R. Echeverria (ed) Agricultural research
- 10 policy in an era of privatization: Experiences from the developing world. CABI, UK.
- 11 Morss, E.R., J.K. Hatch, D.R. McElewait, and C.F. Sweet. 1976. Strategies for small farmer
- 12 development. An empirical study of rural development projects in Gambia, Ghana, Kenya,
- 13 Lesotho, Nigeria, Bolivia, Colombia, México, Paraguay and Peru. Westview Press, Boulder
- 14 CO.
- 15 Moschini, G., and H. Lapan. 1997. Intellectual property rights and the welfare effects of
- 16 agricultural R&D. *Am. J. Agric. Econ.* 79:1229-1242.
- 17 Mosher, A.T. 1966. Getting agriculture moving: Essentials for development and modernization.
- 18 Parts I & II. Agric. Dev. Council, NY.
- 19 Mosse, D. 2004a. Social analysis as product development: Anthropologists at work in the World
- 20 Bank. p. 77-87. *In* A.K. Giri et al. (ed). The development of religion/The religion of
- 21 development, Eburon, Delft.
- 22 Mosse, D. 2004b. Is good policy unimplementable? Reflections on the ethnography of aid policy
- 23 and practice. *Dev. Change* 35(4):639-671.
- 24 Mowery, D.C., and B.N. Sampat. 2004. Universities in national innovation systems. p. 209-239. *In*
- 25 The Oxford handbook of innovation. J. Fagerberg et al. (ed) Available at
- 26 [http://www.globelicsacademy.net/pdf/DavidMowery\\_1.pdf](http://www.globelicsacademy.net/pdf/DavidMowery_1.pdf). Oxford Univ. Press, UK.
- 27 MRC. 2007. Report from the International Conference on the Mekong River Commission (MRC).
- 28 MRC, Vietnam.
- 29 MSU. 2000. The database of arthropods resistant to pesticides. Michigan State Univ. Available at
- 30 [www.cips.msu.edu/resistance](http://www.cips.msu.edu/resistance). MSU, East Lansing MI.
- 31 Mudimu, G.D., S. Chigume, and M. Chikanda. 1995. Pesticide use and policies in Zimbabwe.
- 32 Pesticide policy project Publ. Ser. no. 2, Institut für Gartenbauökonomie, Univ. Hanover,
- 33 Germany.
- 34 Mukherjee, S., and V. Kathuria. 2006. Is economic growth sustainable? Environmental quality of
- 35 Indian States after 1991. *Int. J. Sustain. Dev.* 9:1.38-60.
- 36 Mulatu, E., and H. Zelleke. 2002. Farmers' highland maize (*Zea mays* L.) selection criteria:
- 37 Implication for maize breeding for the Hararghe highlands of eastern Ethiopia. *Euphytica*

- 1 127:11-30.
- 2 Mungate, D. 1983. Women: The silent farm managers in the small-scale commercial areas of  
3 Zimbabwe. *Zimbabwe Agric. J.* 80(6):245-249.
- 4 Muntemba, S., and R. Chimedza. 1995. Women spearhead food security. *In* Missing links:  
5 Gender equity in science and technology for development. Available at [www.idrc.ca/en/ev-  
6 29519-201-1-DO\\_TOPIC.html](http://www.idrc.ca/en/ev-29519-201-1-DO_TOPIC.html). IDRC-ITDG Publ., Canada.
- 7 Murphy, B.C., J.A. Rosenheim, J. Granett, C.H. Pickett, and R.V. Dowell. 1998. Measuring the  
8 impact of a natural enemy refuge: The prune tree/vineyard example. p. 297-309. *In* C.H.  
9 Pickett and R.L. Bugg (ed) *Enhancing biological control: Habitat management to promote  
10 natural enemies of agricultural pests*. Univ. California Press, Berkeley.
- 11 Murray, D.L. 1994. *Cultivating crisis: The human cost of pesticides in Latin America*. Univ. Texas  
12 Press, Austin.
- 13 Murray, D.L., and P.L. Taylor. 2000. Claim no easy victories: evaluating the pesticide industry's  
14 global safe use campaign. *World Dev.* 28(10):1735-1749.
- 15 Muzale, P., with D.K. Leonard. 1985. Kenya's experience with women's groups in agricultural  
16 extension: Strategies for accelerating improvements in food production and nutrition  
17 awareness in Africa. *Agricultural Admin.* 19(1):13-28.
- 18 Nash, R. 1989. *The rights of nature: A history of environmental ethics*. Univ. Wisconsin Press,  
19 Madison.
- 20 Nash, J., and H. Safa. 1985. *Women and change in Latin America. New directions in study of sex  
21 and class*. Bergen and Garvey, NY.
- 22 Nathaniels, N.Q.R., M.E.R. Sijaona, J.A.E. Shoo, and N. Katinila. 2003. IPM for control of cashew  
23 powdery mildew in Tanzania: Farmers' crop protection practices, perceptions and sources of  
24 information. *Int. J. Pest Manage.* 49(1):25-36.
- 25 Nature Biotechnology. 2004. Drugs in crops – the unpalatable truth. *Nature Biotech.* 22:133.
- 26 Naylor, R., and R. Ehrlich. 1997. Natural pest control services and agriculture. p. 151-174 *In*: G.C.  
27 Daily (ed) *Nature's services societal dependence on natural ecosystems*. Island Press,  
28 Washington, DC.
- 29 Naylor, R., W.P. Falcon, R.M. Goodman., M.M. Jahn, T. Sengooba, H. Tefera et al. 2004.  
30 *Biotechnology in the developing world: a case for increased investments in orphan crops*.  
31 *Food Policy* 29:15-44.
- 32 Nelkin, D. 1975. Changing images of science: New pressures on old stereotypes. *News. Progr.*  
33 *Public Concept. Sci.* 14:21-31.
- 34 NEPAD (New Economic Program for African Development). 2002. *Comprehensive Africa  
35 agriculture development programme (CAADP)*. FAO/NEPAD, Rome.
- 36 Neri, M.S. 2005. Pesticide poisoned Bohol schoolchildren: Health department. *SunStar News*,  
37 Philippines, Tuesday, Mar. 15. Available at

- 1 [http://www.sunstar.com.ph/static/net/2005/03/15/pesticide\\_poisoned\\_bohol\\_schoolchildren.he](http://www.sunstar.com.ph/static/net/2005/03/15/pesticide_poisoned_bohol_schoolchildren_health_dept.html)  
2 [alth.dep.t.html](http://www.sunstar.com.ph/static/net/2005/03/15/pesticide_poisoned_bohol_schoolchildren_health_dept.html).
- 3 Neuenschwander, P. 1993. Human interactions in classical biological control. *In* M. Altieri (ed)  
4 Crop protection strategies for subsistence farmers. Westview Press, Boulder and London.
- 5 Neuenschwander, P. 2001. Biological control of the cassava mealybug in Africa: A review. *Biol.*  
6 *Control* 21:214-229.
- 7 Neuenschwander, P. 2004. Harnessing nature in Africa: Biological pest control can benefit the  
8 pocket, health and the environment. *Nature* 432:801-802.
- 9 Neuenschwander, P., C. Borgemeister and J. Langewald (ed) 2003. Biological control in IPM  
10 systems in Africa. CABI Publ., UK
- 11 Newell, P. and J. Wheeler (ed) 2006. Rights, resources and the politics of accountability. ZED  
12 Books, London.
- 13 Nguyen H.H., and T.A. Dao. 2001. Vietnam promotes solutions to pesticide risks. *Pesticide News*  
14 53:6-7.
- 15 Nidumolu, U.B., H. van Keulen, M. Lubbers, and H. Mapfumo. 2007. Combining interactive  
16 multiple goal linear programming with an inter-stakeholder communication matrix to generate  
17 land use options. *Environ. Modelling Software* 22:73-83.
- 18 Norgaard, R.B. 1988. The biological control of cassava mealybug in Africa. *Am. J. Agric. Econ.*  
19 70:366-371.
- 20 Northwest Area Foundation. 1994. A better row to hoe. The economic, environmental and social  
21 impact of sustainable agriculture. Northwest Area Foundation, St. Paul.
- 22 Northwest Area Foundation. 1995. Planting the future: Developing an agriculture that sustains  
23 land and community. Iowa Univ. Press, Ames.
- 24 Norton, G.W., J. Tjornhorn, D. Bosch, J. Ogrodowczyk, C. Edwards, T. Yamagiwa et al. 2005.  
25 Pesticide and IPM policy analysis. p. 191-210. *In* G.W. Norton et al. (ed) *Globalizing*  
26 *integrated pest management: A participatory process*. Blackwell Publ., Ames.
- 27 NRC (National Research Council). 1989. *Alternative agriculture*. Nat. Acad. Press, Washington  
28 DC.
- 29 NRC (National Research Council). 1993. *Pesticides in the diet of infants and children*. Nat. Acad.  
30 Press, Washington DC.
- 31 NRC (National Research Council). 1996. *Understanding risk. Informing decisions in a democratic*  
32 *society*. Nat. Acad. Press, Washington DC.
- 33 NRC (National Research Council). 2004. *Biological confinement of genetically engineered crops*.  
34 Nat. Acad. Press, Washington, DC.
- 35 Nurminene, T., R. Kaarina, K. Kurppa, and P.C. Holmberg. 1995. Agricultural work during  
36 pregnancy and selected structural malformations in Finland. *Epidemiol.* 6(1):23-30.
- 37 Nwanze, K.F., and R.A.E. Mueller. 1989. Management options for sorghum stem borers for

- 1 farmers in the semi-arid tropics. *In* Int. Workshop on Sorghum Stem Borers. 17-20 Nov.  
2 1987. ICRISAT, Patancheru, India.
- 3 Obryki, J.J., J.R. Ruberson, J.E. Losey. 2002. Interactions between natural enemies and  
4 transgenic insecticidal crops. p. 83-206. *In* L.E. Ehler et al. (ed) Genetics, evolution and  
5 biological control. CABI Publ., UK.
- 6 OCA. 2006. Global week of action against food irradiation. Statement of Food and Water Watch.  
7 Exec. Dir. Wenonah Hauter, Food and Water Watch, Nov. 28.
- 8 O'Connor, M. 2006. The AICCAN, the geGDP and the Monetisation Frontier: a typology of  
9 'environmentally adjusted' national sustainability indicators. *Int. J. Sustain. Dev.* 9:61-99.
- 10 ODI. 1994. The CGIAR: What future for international agricultural research? Briefing Pap. Sept.  
11 Overseas Dev. Inst., London
- 12 OECD. 1995. Guidelines for Aid Agencies on Pest and Pesticide Management. OECD, Paris.
- 13 OECD. 2001. Multifunctionality: Towards an analytical framework. OECD, Paris.
- 14 OECD. 2006a. Promoting pro-poor growth: Agriculture. OECD, France.
- 15 OECD. 2006b. Report of the OECD pesticide risk reduction steering group: The second risk  
16 reduction survey. OECD Ser. Pesticides. No. 30. OCED, Paris.
- 17 Oosterheld, M., M. Semmartin, and A.J. Hall. 2002. Análisis bibliográfico de la investigación  
18 agronómica en la Argentina. *Ciencia Hoy* 12:52-62.
- 19 Ojiem, J.O., N. de Ridder, B. Vanlauwe, and K.E. Giller. 2006. Socio-ecological niche: A  
20 conceptual framework for integration of legumes in smallholder farming systems. *Int. J. Sust.*  
21 *Agric.* 4:79-93
- 22 Okoth, J., G. Khisa, and J. Thomas. 2003. Towards self-financed farmer field schools. *LEISA*  
23 19(1):28-29.
- 24 Omwega, C.O., E. Muchugu, W.A Overholt, and F. Schulthess. 2006. Release and establishment  
25 of *Cotesia flavipes* (Hym., Braconidae) an exotic parasitoid of *Chilo partellus* (Lep.,  
26 Cambridae) in East and Southern Africa. *Ann. Soc. Entomol. France* 42:511-517.
- 27 Ooi, P. 1998. Beyond the farmer field school: IPM and empowerment in Indonesia. *Gatekeeper*  
28 Ser. No. 78. IIED, London.
- 29 Oshaug, A. 2005. Developing voluntary guidelines for implementing the right to adequate  
30 food: anatomy of a intergovernmental process. Chapter 11. p. 259-282. *In* W.B. Edie and U.  
31 Kracht (ed) Food and human rights in development. Vol. I. Legal and institutional dimensions  
32 and selected topics. Intersentia N.V., Antwerp.
- 33 Oshaug, A., W.B. Eide, and A. Eide. 1994. Human rights: A normative basis for food and  
34 nutrition-relevant policies. *Food Policy* 19:6, 491-516.
- 35 Oshaug, A. and W.B. Eide. 2003. The long process of giving consent to an economic, social and  
36 cultural right: Twenty-five years with the case of the right to adequate food. Chapter XIII. p.  
37 325-369. *In* M. Bergsmo (ed) Human rights and criminal justice for the downtrodden. Essays



- 1 in honour of Asbjørn Eide. Marinus Nijhoof Publ., Leiden and Boston.
- 2 OTA. 1979. Pest management strategies in crop protection. Vol. 1. US Gov. Printing Off.,  
3 Washington DC.
- 4 Oxfam America. 1995. The impact of structural adjustment on community life: Undoing development.  
5 Oxfam, Boston.
- 6 Paarlberg, R.L. 2002. Governance and food security in an age of globalization. Food Agric.  
7 Environ. Disc. Pap. 36. IFPRI, Washington DC.
- 8 Paine, M.S., C.R. Burke, G.A. Verkerk, and P.J. Jolly. 2000. learning together about dairy cow  
9 fertility technologies in relation to farming systems in New Zealand. p. 163- 175. *In* M. Cerf  
10 (ed) Cow up a tree. Knowing and learning for change in agriculture. Case studies from  
11 industrialised Countries. INRA Editions, Paris.
- 12 Paredes, A., and J. Moncado. 2000. Produce foundations in Mexico: An innovative participatory  
13 approach and demand-driven technology innovation model. GFAR meeting, Dresden,  
14 Germany.
- 15 Pardey, P.G., and N.M. Beintema. 2001. Slow magic: Agricultural R&D a century after Mendel.  
16 ASTI Initiative. IFPRI, Washington DC.
- 17 Pardey, P.G., N.M. Beintema, S. Dehmer, and S. Wood. 2006a. Agricultural research: A growing  
18 global divide? Food Policy Rep. IFPRI, Washington DC.
- 19 Pardey, P.G., J.M. Alston, and R.R. Piggott (ed) 2006b. Agricultural R&D in the developing world  
20 too little, too late? IFPRI, Washington DC.
- 21 Pardey, P.G., J.M. Alston, and R.R. Piggott (ed) 2006c. Shifting ground: Agricultural R&D  
22 worldwide. Issue Brief No. 46. IFPRI, Washington DC.
- 23 Parker, P., R. Latcher, A. Jakeman, M.B. Beck, G. Harris, R.M. Argent et al. 2002. Progress in  
24 integrated assessment and modelling. Environ. Modelling Software 17:209-217.
- 25 Parrado-Rosselli, A. 2006. A participatory research approach for studying fruit availability and  
26 seed dispersal. Chapter 7. *In* Fruit availability and seed dispersal in terra firme rain forests of  
27 Colombian Amazon. Tropenbos PhD Ser. 2. Tropenbos Int., Wageningen.
- 28 Parrott, N., and T. Marsden. 2002. The real green revolution: Organic and agroecological  
29 farming in the South. Greenpeace Environ.Trust, London.
- 30 Paulson, D.D. 1995. Minnesota extension agents' knowledge and views of alternative agriculture.  
31 Am. J. Alternat. Agric. 10(3):122-128.
- 32 Paveley, N.D., D.J. Royle, R.J. Cook, U.A. Schoefl, D.B. Morris, M.J. Hims et al. 1994. Decision  
33 support to rationalise wheat fungicide use. p. 679-686. *In* The BCPC Conference Pests and  
34 Diseases 1994. Brit. Crop Prot. Council, Farnham, UK.
- 35 Pawar, C.S. 2002. IPM and plant science industries in India [Online]. Available at  
36 [http://www.croplifeasia.org/ref\\_library/ipm/IPM\\_PSI.PDF](http://www.croplifeasia.org/ref_library/ipm/IPM_PSI.PDF). Agrolinks, Croplife Asia, Bangkok.

- 1 Paxson, H. 2007. Reverse engineering terroir – crafting nature-culture in American artisanal  
2 cheese production. Available at <http://web.mit.edu/newsoffice/2007/cheese.html>. MIT  
3 TechTalk 11 Dec 2006.
- 4 Pearson, C.J., and R. Ison. 1997. Agronomy of grasslands systems. 2nd ed. Cambridge Univ.  
5 Press, UK. Pedigo, L.P. 1992. Integrating preventive and therapeutic tactics in soybean  
6 insect management. p. 10-19. *In* L.G. Copping et al. (ed) Pest management in soybeans.  
7 Elsevier, London.
- 8 Pedigo, L.P. 1989. Entomology and pest management. Macmillan, N.Y.
- 9 Pedigo, L.P. 1992. Integrating preventive and therapeutic tactics in soybean insect management.  
10 p. 10-19 *In* L.G. Copping et al. (ed) Pest management in soybeans. Elsevier, London.
- 11 Peeters, J.P., and J.T. Williams. 1984. Towards better use of genebanks with special reference to  
12 information. *Plant Genetic Resour. Newsl.* 60:22-32.
- 13 Pemsli, D., H. Waibel, and A.O. Gutierrez. 2005. Why do some Bt-cotton farmers in China  
14 continue to use high levels of pesticides? *Int. J. Sustain.* 3:44-56
- 15 Pengue, W.A. 2005. Transgenic crops in Argentina: The ecological and social debt. *Bull. Sci.*  
16 *Tech. Soc.* 25:314-322
- 17 Pennisi, E. 2003. Modernizing the tree of life. *Science* 300:1692-1697.
- 18 Penot, E. 1994. La riziculture de mangrove de la société balant dans la région de Tombali en  
19 Guinée-Bissau. p. 209-221. *In* Dynamique et usages de la mangrove dans les pays des  
20 Rivières du Sud (Du Sénégal à la Sierra Leone), M.C. Cormier-Salem (ed) Colloques et  
21 Séminaires, Orstom, Paris:
- 22 Pennycook, F.R., E.M. Diamand, A. Watterson, and C.V. Howard. 2004. Modeling the dietary  
23 pesticides exposures of young children. *Int. J. Occup. Environ. Health* 10:304-309.
- 24 Perales, Hugo R., S.B. Brush, and C.O. Qualset. 2003. Dynamic management of maize  
25 landraces in Central Mexico. *Econ. Bot.* 57:21-34.
- 26 Perkins, J.H. 1982. Insects, experts, and the insecticide crisis: The quest for new pest  
27 management strategies. Plenum Press, NY.
- 28 Peterson, W., C. Sands, and B. Swanson. 1989 Technology development and transfer systems in  
29 agriculture. INTERPAKS report. Off. Int. Agric. University of Illinois, Urbana.
- 30 Petit, M.J., G.E. Alex, H. Blackburn, W. Collins, J.J. Doyle, R.D. Freed et al. 1996. The  
31 emergence of a global agricultural research system. The role of the agricultural research and  
32 extension group (ESDAR). World Bank, Washington DC.
- 33 Petrick, M., and P. Weingarten. 2004. The role of agriculture in Central and Eastern European  
34 development: Engine of change or social buffer? Available at  
35 [http://www.iamo.de/dok/sr\\_vol25.pdf](http://www.iamo.de/dok/sr_vol25.pdf). IAMO, Salle.
- 36 Pimbert, M.P., and T. Wakeford. 2002. Prajateerpu: A citizen's jury/scenario workshop on food  
37 and farming futures for Andhra Pradesh, India. London, IIED and Sussex, IDS.

- 1 Pimbert, M.P. 2006. farmers' views on the future of food and small-scale producers. IIED,  
2 London.
- 3 Pimentel, D. 1993. Economics and energetics of organic and conventional farming. *J. Agric.*  
4 *Environ. Ethics* 6:53-60.
- 5 Pimentel, D. 1997. Pest management in agriculture. p. 1-12. *In* D. Pimentel (ed) *Techniques for*  
6 *reducing pesticide use: Environmental and economic benefits*. John Wiley, Chichester UK.
- 7 Pimentel, D. 2005. Environmental and economic costs of the application of pesticides primarily in  
8 the United States. *Environ. Dev. Sustain.* 7:229-252.
- 9 Pimentel, D., U. Stachow, D.A. Takacs, H.W. Brubaker, A.R. Dumas, J.J. Meaney et al. 1992.  
10 *Conserving biological diversity in agricultural/forestry systems*. *BioScience* 42: 354-362.
- 11 Pimentel, D., H. Acquay, M. Biltonen, P. Rice, M. Silva, J. Nelson et al. 1993. Assessment of  
12 environmental and economic impacts of pesticide use. p. 47-84. *In* D. Pimentel, H. Lehman  
13 (ed.) *The pesticide question: Environment, economics and ethics*. Chapman and Hall, NY.
- 14 Pimentel, D., C. Wilson, C. McCullum, R.Huang, P.D. Wen, J. Flack et al. 1997. Economic and  
15 environmental benefits of biodiversity. *Bioscience*. 47:747-757.
- 16 Pimentel, D., P. Hepperly, J. Hanson, D. Douds, and R. Seidel. 2005. Environmental, energetic,  
17 and economic comparisons of organic and conventional farming systems. *BioScience*  
18 55:573-582.
- 19 Pimbert, M. 2007. *Transforming knowledge and ways of knowing for food sovereignty*. IIED,  
20 London.
- 21 Pimbert, M.P., and T. Wakeford. 2002. *Prajateerpu: A citizens jury / Scenario workshop on food*  
22 *and farming futures for Andhra Pradesh, India*. Available at <http://www.prajateerpu.org>. IIED,  
23 London.
- 24 Pimbert, M.P., K. Tran-Thanh, E. Deléage, M. Reinert, C. Trehet, and E. Bennett (ed) 2006.  
25 *Farmers' views on the future of food and smallscale producers*. IIED, London.
- 26 Pingali, P.L., and G. Traxler. 2002. Changing locus of agricultural research: Will the poor benefit  
27 from biotechnology and privatization trends? *Food Policy* 27:223-228.
- 28 Plencovich, M., and A. Costantini. 2003. *Dimensiones productivas, sociopolíticas y educativas de*  
29 *la inserción de Escuelas Agrotécnicas de la Región Pampeana*. UBACYT. 2004-2007. Univ.  
30 Buenos Aires, Buenos Aires.
- 31 Plencovich, M.C., and A. Costantini. 2006. *El itinerario de las escuelas agropecuarias: la*  
32 *educación silenciosa*. XX Jornadas de Educación Agropecuaria, 2006, Paraná. FEDIAP.  
33 Available at [www.fediap.com.ar/material/Lic.%20María%20Cristina%20Plencovich.ppt](http://www.fediap.com.ar/material/Lic.%20María%20Cristina%20Plencovich.ppt).
- 34 Pontius, J., R. Dilts, and A. Bartlett. 2002. *From farmer field schools to community IPM: Ten*  
35 *years of ipm training in Asia*. FAO, Reg. Off. Asia Pacific, Bangkok.
- 36 Pontius, J. 2003. *Picturing impact: Participatory evaluation of community IPM in three West Java*  
37 *villages*. p. 227-260. *In* CIP-UPWARD. *Farmer field schools: Emerging issues and*

- 1 challenges. Users' perspectives with agricultural research and development. CIP, Los Baños.
- 2 Pray, C.E., J.F. Oehmke, and A. Naseem. 2005. Innovation and dynamic efficiency in plant  
3 biotechnology: An introduction to the researchable issues. *AgBioForum* 8:52-63.
- 4 Prescott, V., P.M. Campbell, A. Moore, J. Mattes, M.E. Rothenberg, P.S. Foster et al. 2005.  
5 Transgenic expression of bean alpha-amylase inhibitor in peas results in altered structure  
6 and immunogenicity. *J. Agric. Food Chem.* 53(23):9023-9030.
- 7 Pretty, J.N. 1994. Alternative systems of inquiry for sustainable agriculture. *IDS Bull.* 25(2):37-48.
- 8 Pretty, J.N. 1995. Regenerating agriculture: Policies and practice for sustainability and self-  
9 reliance. Earthscan, London and Nat. Acad. Press, Washington DC.
- 10 Pretty, J.N. 1999. Can sustainable agriculture feed Africa? New evidence on progress, processes  
11 and impacts. *Environ. Dev. Sustain.* 1:253-274.
- 12 Pretty, J.N. 2002. *Agri-Culture: Reconnecting people, land and nature.* Earthscan, London.
- 13 Pretty, J.N. (ed) 2005a. *The earthscan reader in sustainable agriculture.* Earthscan, London.
- 14 Pretty, J.N. (ed) 2005b. *The pesticide detox. Towards a more sustainable agriculture.* Earthscan,  
15 London.
- 16 Pretty, J., and R. Hine. 2005. Pesticide use and the environment. *In* J. Pretty (ed) *The pesticide  
17 detox: Towards a more sustainable agriculture.* Earthscan, London.
- 18 Pretty, J., and H. Waibel. 2005. Paying the price: The full cost of pesticides. p. 39–54. *In* J. Pretty  
19 (ed) *The pesticide detox.* Earthscan, London.
- 20 Pretty, J., J. Morison, R. Hine. 2003. Reducing food poverty by increasing agricultural  
21 sustainability in developing countries. *Agric. Ecosyst. Environ.* 95:217-234.
- 22 Prigogine, I., and I. Stengers. 1979. *La nouvelle alliance. Métamorphose de la science.* Ed.  
23 Gallimard, Paris.
- 24 Prokopy, R.J. 2003. Two decades of bottom-up, ecologically based pest management in a small  
25 commercial apple orchard in Massachusetts. *Agric. Ecosyst. Environ.* 94: 299-309.
- 26 Qaim, M., and G. Traxler. 2002. Roundup ready soybeans in Argentina: Farm level and  
27 aggregate welfare effects. *Agric. Econ.* 32:73-86.
- 28 Qayum, A., and K. Sakkhari. 2005. *Bt Cotton in Andhra Pradesh. A tree-year assessment.*  
29 Deccan Dev. Soc. Village Pastapur. Zakeerabad, Medak District, AP, India.
- 30 Quiros, C.F., R. Ortega, L. Van Raamsdonk, M. Herrera-Montoya, P. Cisneros, and E. Schmidt.  
31 1992. Increase of potato genetic resources in their center of diversity: The role of natural  
32 outcrossing and selection by the Andean farmer. *Genetic Resour. Crop Evol.* 39:107-113.
- 33 Quizon J., G. Feder, and R. Murgai. 2000. A note on the sustainability of the farmer field school  
34 approach to agricultural extension. Dev. Econ. Group, World Bank, Washington DC.
- 35 Raedeke, A.H., and J.S. Rikoon. 1997. Temporal and spatial dimensions of knowledge:  
36 Implications for sustainable agriculture. *Agric. Human Values* 14:145-158.

- 1 Ramaswami, B. and C.E. Pray. 2007. India: Confronting the challenge – the potential of  
2 genetically modified crops for the poor. p. 156-174. Chapter 9 *In* S. Fukuda-Parr (ed) The  
3 gene revolution. GM crops and unequal development. Earthscan, London.
- 4 Readings, B. 1996. The university in ruins. Harvard Univ. Press, Cambridge MA.
- 5 Reardon, T., C.P. Timmer, C.B. Barrett, and J. Berdegué. 2003. The rise of supermarkets in  
6 Africa, Asia and Latin America. *Am. J. Agric. Econ.* 85(5):1140-1146.
- 7 Reeves, M., A. Katten, and M. Guzman. 2002. Pesticide safety laws fail to protect farmworkers. *In*  
8 *Field of poison*. Available at [www.panna.org](http://www.panna.org). PANNA, San Francisco.
- 9 Reeves, M., and K.S. Schafer. 2003. Greater risks, fewer rights: US farmworkers and pesticides.  
10 *Int. J. Occup. Environ. Health* 9:30-39.
- 11 Reeves, T.G and K. Cassaday. 2002. History and past achievements of plant breeding. *Aust. J.*  
12 *Agric. Res.* 53:851-863.
- 13 Reganold, J.P., J. Glover, P. Andrews, and H. Hinman. 2001. Sustainability of three apple  
14 production systems. *Nature* 410:926-930.
- 15 Reij, C., I. Scoones, and C. Toulmin (ed) 1996. Sustaining the soil. Indigenous soil and water  
16 conservation in Africa. Earthscan. London.
- 17 Reij, C., and A. Waters-Bayer. 2001. Farmer innovation in Africa: a source of inspiration for  
18 agricultural development. Earthscan, London.
- 19 Reitz, S.R., G.S. Kund, W.G. Carson, P.A. Phillips, and J. Trumble. 1999. Economics of reducing  
20 insecticide use on celery through low-input pest management strategies. *Agric. Ecosyst.*  
21 *Environ.* 73:185-197.
- 22 Relyea, R.A. 2005. The impact of insecticides and herbicides on the biodiversity and productivity  
23 of aquatic communities. *Ecol. Applic.* 15:618-627.
- 24 Repetto, R. 1985. Paying the price: Pesticides subsidies in developing countries. Res. Rep. No.  
25 2. World Resour. Inst., Washington DC.
- 26 Repetto, R. 1986. Skimming the water: Rent-seeking the performance of public irrigation systems.  
27 Res. Rep. 4. World Resour. Inst., Washington DC.
- 28 Repetto, R. 1990. Deforestation in the tropics. *Sci. Am.* 262(4):18-24.
- 29 Repetto, R. 1992. Accounting for environmental assets. *Sci. Am.* 266:94-100.
- 30 Repetto, R. 1994. The "second India" revisited: Population, poverty and environmental stress  
31 over two decades. WRI, Washington DC.
- 32 Repetto, R., W. Magrath, M. Wells, C. Beer, and F. Rossini. 1989. Wasting assets: Natural  
33 resources in the national income accounts. World Resour. Inst., Washington DC.
- 34 Reus, J.A.W.A., and P.C. Leendertse. 2000. The environmental yardstick for pesticides: A  
35 practical indicator used in the Netherlands. *Crop Prot.* 19:637-641.

- 1 Rhoades, R.E. 2006. Seeking half our brains: Reflections on the social context of interdisciplinary  
2 research and development. p. 403-420. *In* M.M. Cernea, A.H. Kasam (ed) *Researching the*  
3 *culture in agri-culture: Social research for international development*. CABI Publ., Oxford.
- 4 Rhoades, R.E. 1982. The art of the informal agricultural survey. Social Science Dep. Training  
5 Doc. 1982-2, CIP, Lima.
- 6 Rhoades, R.E., and R.H. Booth. 1982. Farmer-back-farmer: a model for generating acceptable  
7 agricultural technology. *Agric. Admin.* 11:127-137.
- 8 Richards, P. 1985. *Indigenous agricultural revolution*. Westview Press, Boulder.
- 9 Richards, P. 1995. Participatory rural appraisal: A quick and dirty critique. p. 13-16 *In* PLA Notes,  
10 No. 24. IIED, London.
- 11 Richards, P. 2002. Fighting for the rain forest: War, youths and resources in Sierra Leone. *African*  
12 *Issues Ser.* James Currey, Oxford.
- 13 Richards, P. (ed) 2005. *No peace no war. An anthropology of contemporary armed conflicts*. Ohio  
14 Univ. Press, Athens and James Curry, Oxford.
- 15 Riches, G. (ed) 1997. *First world hunger. Food security and welfare politics* Macmillan, London  
16 and St. Martins, NY.
- 17 Rickert, K. 2004. Emerging challenges for farming systems. Lessons from Australian and Dutch  
18 agriculture. Available at <http://www.rirdc.gov.au/reports/Ras/03-053.pdf>. Rural Industries  
19 Res. Dev. Corp., Gov. Australia.
- 20 Ricketts, T. 2001. The matrix matters: effective isolation in fragmented landscapes. *The*  
21 *Am. Naturalist* 158(1):87-99.
- 22 Riddle, J. 2004. Crop trust to conserve plant diversity. FAO newsroom. Available at  
23 <http://www.fao.org/newsroom/en/news/2004/51211/index.html>.
- 24 Rivera, W.M. 1996. Agricultural extension in transition worldwide: Structural, financial and  
25 managerial reform strategies. *Public Admin. Dev.* 16:151-161.
- 26 Rivera, W.M., and S.G. Schram. 1987. *Agricultural extension worldwide: Issues, practices and*  
27 *emerging priorities*. Green Helm, NY.
- 28 Rivera, W.M., and D.J. Gustafson (ed) 1991. *Agricultural extension: Worldwide institutional*  
29 *evolution and forces for change*. Elsevier, Amsterdam.
- 30 Rivera, W.M., and W. Zijp. 2002. Contracting for agricultural extension. *International case studies*  
31 *and emerging practices*. CABI Publ., UK.
- 32 Roberts, N. (ed) 1989. *Agricultural extension in Africa*. World Bank Symposium. Available at  
33 [http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content\\_storage\\_01/0000019b/80/20/83/](http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/20/83/7c.pdf)  
34 [7c.pdf](http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/20/83/7c.pdf). World Bank, Washington DC.
- 35 Robinson, M. 2002. Sustainable development and environmental protection. Speech by the UN  
36 High Commissioner for Human Rights delivered at the Civil Society Workshop on Human  
37 Rights, World Summit Sustain. Dev., Johannesburg, 1 Sept 2002. Available at

- 1 <http://www.unhchr.ch/hurricane/hurricane.nsf/0/A551686D4B5905D0C1256C28002BF3D6?op>  
2 [endocument.](#)
- 3 Robinson, R.A., and W.J. Sutherland. 2002. Post-war changes in arable farming and biodiversity  
4 in Great Britain. *J. Appl. Ecol.* 39:157-176.
- 5 Rodríguez, L.C., and H.M. Niemeyer. 2005. Integrated pest management, semiochemicals and  
6 microbial antagonists in Latin American agriculture. *Crop Prot.* 24(7):615-623.
- 7 Rodricks, J.V. 2001. Using science-based risk assessment to develop food safety policy. p. 25-32  
8 *In Food safety policy, science and risk assessment: Strengthening the connection.* Nat.  
9 Acad. Press, Washington DC.
- 10 Rogers, E.M. 1962. *The diffusion of innovations.* Free Press, Glencoe NY.
- 11 Rogers, E.M. 1976. *Communication and development: The passing of a dominant paradigm.*  
12 *Comm. Res.* 3:213-240.
- 13 Rogers, E.M. 1983. *Diffusion of innovations.* 3rd ed. Free Press, NY.
- 14 Rogers, E.M. 1995. *Diffusion of innovations.* 4<sup>th</sup> ed. Free Press, NY.
- 15 Rogers, E.M. 2003. *Diffusion of innovations.* 5th ed. Free Press, NY.
- 16 Rogers, E.M., and D.L. Kincaid. 1981. *Communication networks: Towards a new paradigm for*  
17 *research.* Free Press, NY.
- 18 Rola, A., S. Jamias, J. Quizon. 2002. Do farmer field school graduates retain and share what they  
19 learn? An investigation in Iloilo, Philippines. *J. Int. Agric. Extens. Educ.* 9:65-76.
- 20 Röling, N. 1988. *Extension science: Information systems in agricultural development.* Cambridge  
21 Univ. Press, UK.
- 22 Röling, N. 2004. *Communication for development in research, extension and education.* Available  
23 at [http://www.fao.org/sd/dim\\_kn1/docs/kn1\\_040701a3b\\_en.pdf](http://www.fao.org/sd/dim_kn1/docs/kn1_040701a3b_en.pdf). Wageningen Univ., the  
24 Netherlands.
- 25 Röling, N., J. Ascroft, and F. Wa Chege. 1976. Diffusion of innovations and the issue of equity in  
26 rural development. *Comm. Res.* 3:155-71.
- 27 Röling, N., and P.G.H. Engel. 1991. The development of the concept of agricultural knowledge  
28 and information systems (AKIS): Implications for extension. p. 125-139 *In* W.M. Rivera, D.J.  
29 Gustafson (ed) *Agricultural extension: Worldwide institutional evolution and forces for*  
30 *change.* Elsevier, Amsterdam.
- 31 Röling, N., and M.A.E. Wagemakers (ed) 1998. *Facilitating sustainable agriculture. Participatory*  
32 *learning and adaptive management in times of environmental uncertainty.* Cambridge Univ.  
33 Press, UK.
- 34 Rosenthal, E. 2003. The tragedy of Taucamarca: A human rights perspective on the pesticide  
35 poisoning deaths of 24 children in the Peruvian Andes. *Int. J. Occup. Environ. Health* 9:53-  
36 58.

- 1 Rosenthal, E. 2005. Who's afraid of national laws? Pesticide corporations use trade negotiations  
2 to avoid bans and undercut public health protections in Central America. *Int. J. Occup.*  
3 *Environ. Health* 11:437-443.
- 4 Rosset, P. 2000. Lessons from the green revolution- do we need new technology to end hunger?  
5 Available at <http://www.foodfirst.org/media/opeds/2000/4-greenrev.html>. Inst. Food Dev.  
6 Policy, Oakland.
- 7 Rosset, P., and M. Benjamin. 1994. *The greening of the revolution: Cuba's experiments with*  
8 *organic agriculture*. Ocean Press, Melbourne.
- 9 Rosset, P., R. Patel, and M. Courville. 2006. *Promised land: Competing visions of agrarian*  
10 *reform*. Inst. Food Dev. Policy, Oakland, CA.
- 11 Roth, M. 1999. Overview of farm direct marketing industry trends. *Agric. Outlook*  
12 *Forum*. USDA, Washington DC.
- 13 Ruane, J., and A. Soninno. 2006. Results from the FAO biotechnology forum. *Res. Tech Pap. No.*  
14 *11*. Available at <ftp://ftp.fao.org/docrep/fao/009/a0744e/a0744e00.pdf>. FAO, Rome.
- 15 Rukuni, M., M.J. Blackie, and C.K. Eicher. 1998. Crafting smallholder-driven agricultural research  
16 systems in Southern Africa. *World Dev.* 26(6):1073-1087.
- 17 Russell, E. 2001. *War and nature: Fighting humans and insects with chemicals from world War I*  
18 *to Silent Spring*. Cambridge Univ. Press, UK.
- 19 Ryan, B., and N. Gross. 1943. The diffusion of hybrid seed corn in two Iowa communities. *Rur.*  
20 *Soc.* 8:15-24.
- 21 Saad, M.B. 1999. *Food Security for the Food-Insecure: new challenges and renewed*  
22 *commitments*. Centre for Development Studies, Dublin.
- 23 Sachs, C. 1996. *Gendered fields. Rural women, agriculture and the environment*. *Rur. Studies*  
24 *Ser.* Westview Press, Boulder CO.
- 25 Safilios-Rothschild, C. 1982. The persistence of women's invisibility in agriculture. *Theoretical*  
26 *and policy lessons from Leostho and Sierra Leone*. Centre for Policy Studies, Working Pap.  
27 88, The Population Council, NY.
- 28 Safrin, S. 2004. Hyperownership in a time of biotechnological promise: The international conflict  
29 to control the building blocks of life. *The Am. J. Int. Law* 98:641-684.
- 30 Sagenmuller, A. (ed) 1999. *AgroEvo's contribution to integrated crop management*. Hoechst  
31 Schering AgroEvo GmbH, Frankfurt.
- 32 Sakamoto, K., Y. Choi, L.L. Burmesiter. 2007. Farming multifunctionality: Agricultural policy  
33 paradigm change in South Korea and Japan. *Int. J. Soc. Food Agric.* 15(11):24-45.
- 34 Salazar, R. 1992. MASIPAG: Alternative community rice breeding in the Philippines. *Approp.*  
35 *Tech.* 18:20-21.



- 1 Salazar, R., N.P. Louwaars, and B. Visser, 2007. Protecting farmers' new varieties: New  
2 approaches to rights on collective innovations in plant genetic resources. *World Dev.*  
3 35(9):1515-1528.
- 4 Sale, K. 1993. *The green revolution: The American environmental movement, 1962-1999*. Hill &  
5 Wang Sale, NY
- 6 Samanta, R.K. (ed) 1995. *Women in agriculture. Perspectives, issues and experiences*. M.D.  
7 Publ. New Delhi.
- 8 Samanta, R.K, and S.K. Aurora. 1997. *Management of agricultural extension in global*  
9 *perspectives*. BR Publ., New Delhi.
- 10 Samways, M. 1997. Classical biological control and biodiversity conservation: What risks are we  
11 prepared to accept? *Biodivers. Conserv.* 6:1309-1316.
- 12 Santaniello, V. 2003 *Agricultural biotechnology: Implications for food security*. Proc. 25th Int.  
13 Conf. Agric. Econ. Durban. 18-22 Aug. Available at [http://www.blackwell-](http://www.blackwell-synergy.com/doi/pdf/10.1111/j.0169-5150.2004.00023.x)  
14 [synergy.com/doi/pdf/10.1111/j.0169-5150.2004.00023.x](http://www.blackwell-synergy.com/doi/pdf/10.1111/j.0169-5150.2004.00023.x)
- 15 SAPRIN (Structural Adjustment Participatory Rev. Int. Network). 2002. *The policy roots of*  
16 *economic crisis and poverty: A multi-country participatory assessment of structural*  
17 *adjustment*. SAPRIN, Washington DC.
- 18 Scanlon, T.M. 1998. *What we owe each other*. The Belknap Press, Cambridge MA.
- 19 Schechter, A.J., L.C. Dai, O. Pöpke, J. Prange, J.D. Constable, M. Matsuda et al. 2001. Recent  
20 dioxin contamination from Agent Orange in residents of a southern Vietnam city. *J. Occup.*  
21 *Environ. Med.* 43(5):435-443.
- 22 Schechter, A., P. Cramer, K. Boggess, J. Stanley, O. Pöpke, J. Olson et al. 2001. Intake of dioxins  
23 and related compounds from food in the U.S. population. *J. Toxicol. Environ. Health (Part A)*  
24 63:1-18.
- 25 Schettler, T., G. Solomon, P. Burns, and M. Valenti. 1996. *Generations at risk: How*  
26 *environmental toxins may affect reproductive health in Massachusetts*. GBPSR and  
27 MASSPIRG, Cambridge MA.
- 28 Schillhorn van Veen, T.W., D.A. Forno, S. Joffe, D.L. Umali Deiniger, and S. Cooke. 1997.  
29 *Integrated pest management, strategies and policies for effective implementation*. *Env.*  
30 *Sustain. Dev. Studies Mono. Ser. No. 13*, World Bank, Washington DC.
- 31 Schulthess, F., A. Chabi-Olaye, and S. Gounou. 2004. Multi-trophic level interactions in a  
32 cassava-maize relay cropping system in the humid tropics of West Africa. *Bull. Ent. Res.*  
33 94:261-272.
- 34 Schultz, T.W. 1964. *Transforming traditional agriculture*, Yale Univ. Press, New Haven.
- 35 Schütz, A. 1964. *Collected papers II: Studies in social theory*. A. Brodersen (ed) Martinus Nijhoff,  
36 The Hague.

- 1 Scialabba, N. 2000. Opportunities and constraints of organic agriculture: A socio-ecological  
2 analysis. Università degli Studi della Tuscia, Viterbo, 17-28 July.
- 3 Scialabba, N. 2007. Organic agriculture and food security. *In* Int. Conf. Organic Agric. Food  
4 Security. Rome. May 3-5. [Online]. Available at <ftp://ftp.fao.org/paia/organicag/ofs/nadia.pdf>.  
5 FAO, Rome.
- 6 Scoones, I., M. Melnyk, and J.N. Pretty. 1992. The hidden harvest. Wild foods and agricultural  
7 systems. A literature review and annotated bibliography. IIED, London.
- 8 Scoones, I., and J. Thompson (ed) 1994. Beyond farmer first. Rural people's knowledge,  
9 agricultural research and extension practice. Intermediate Tech., London.
- 10 Scoones, I., C. Chibudu, S. Chikura, P. Jeranyama, D. Machaka, W. Machanja et al. 1996.  
11 Hazards and opportunities. Farming livelihoods in dryland Africa: Lessons from Zimbabwe.  
12 Zed Books, London.
- 13 Seligman, M.E.P., and J.L. Hagar. 1972. Biological boundaries of learning. Meredith, NY.
- 14 Sen, A. 1981. Poverty and famines. An essay on entitlement and deprivation. Clarendon,  
15 Oxford.
- 16 Settle, W.H., H. Ariawan, E. Tri Astuti, W. Cahyana, A.L. Hakim, D. Hindayana et al. 1996.  
17 Managing tropical rice pests through conservation of generalist natural enemies and  
18 alternative prey. *Ecology* 77(7):1975-1988.
- 19 Seur, H. 1992. Sowing the good seed. The interweaving of agricultural change. Gender relations  
20 and religion in Serenje District, Zambia. Publ. PhD thesis. Agricultural Univ., Wageningen.
- 21 SGRP. 2006. Developing Access and Benefit Sharing Regimes: plant genetic resources for food  
22 and Agriculture, System-wide Genetic Resources Program of the CGIAR.
- 23 Shapiro, C. 2001. Navigating the patent thicket: Cross licenses, patent pools and standard  
24 setting, in innovation policy and the economy. *In* A. Jaffe et al. (ed) Innovation policy and the  
25 economy. vol.1. Nat. Bureau Econ. Res., Cambridge MA.
- 26 Sharma, R., and T.H. Poleman. 1993. The new economics of India's green revolution. Income  
27 and employment diffusion in Uttar Pradesh. Cornell Univ. Press, Ithaca.
- 28 Shennan, C., T. Pisani Gareau, and J.R. Serrine. 2005. Agroecological approaches to pest  
29 management in the US. p. 147-164. *In* J. Pretty. (ed) The pesticide detox: Towards a more  
30 sustainable agriculture. Earthscan, London.
- 31 Sherwood, S., D. Cole, C. Crissman, and M. Paredes. 2005 From pesticides to people: Improving  
32 ecosystem health in the northern Andes. p. 147-164. *In* J. Pretty (ed) The pesticide detox.  
33 Towards a more sustainable agriculture. Earthscan, London.
- 34 Shiva, V. 2000. Stolen harvest: The hijacking of the global food supply. South End Press,  
35 Cambridge MA.
- 36 Shulman, S. 2006. Undermining science: Suppression and distortion in the Bush Administration.  
37 Univ. California Press, Berkeley.

- 1 Sibanda, T., H.M. Dobson, J.F. Cooper, W. Manyangarirwa, and W. Chiimba. 2000. Pest  
2 management challenges for smallholder vegetable farmers in Zimbabwe. *Crop Prot.* 19:807-  
3 815.
- 4 SIDA. 1999. Sustainable agriculture: A summary of SIDA's experiences and priorities. Available at  
5 [http://www.sida.se/sida/jsp/sida.jsp?d=118&a=3320&language=en\\_US&searchWords=sustai](http://www.sida.se/sida/jsp/sida.jsp?d=118&a=3320&language=en_US&searchWords=sustai)  
6 [nable%20agriculture](http://www.sida.se/sida/jsp/sida.jsp?d=118&a=3320&language=en_US&searchWords=sustainable%20agriculture). SIDA, Stockholm.
- 7 Sigsgaard, L. 2006. Biological control of arthropod pests in outdoor crops – the new challenge.  
8 *Proc. Int. Workshop Implementation of Biocontrol in Practice in Temperate Regions—*  
9 *Present and Near Future.* Flakkebjerg, Denmark. 1-3 Nov. 2005. DIAS Rep. No. 119:153-  
10 167.
- 11 Simberloff, D., and P. Stiling. 1996. Risks of species introduced for biological control. *Biol.*  
12 *Conserv.* 78:185-192.
- 13 Simmonds, N.W. 1979. *Principles of crop improvement.* Longman, London.
- 14 Singh, N.C. 1983. The economics of cattle tick control in dry tropical Australia. *Aust. Vet. J.*  
15 60(2):37.
- 16 Sinzogan, A.A.C., J. Jiggins, S. Vodohué, D. Kossou, E. Totin, and A. van Huis. 2007. An  
17 analysis of the organizational linkages in the cotton industry in Benin. *Special Issue*  
18 *Convergence of Sciences Research in West Africa.* *Int. J. Agric. Sustain.* 5(2-3):213-231.
- 19 Sissoko, M. 1994. Lutte Integree contre les ennemis du mil dans la zone de Banamba au Mali.  
20 *Sahel PV Info.* 60:15-19.
- 21 Slaybaugh, Douglas. 1996. William I. Myers and the modernization of american agriculture. Henry  
22 A. Wallace Series on Agricultural History and Rural Life. Iowa State Univ. Press, Ames.
- 23 Sligh, M., and C. Christman. 2007. Organic agriculture and access to food. *In* *Int. Conf. Organic*  
24 *Agric. Food Security.* Rome. May 3-5. Available at  
25 [http://www.fao.org/organicag/ofs/presentations\\_en.htm](http://www.fao.org/organicag/ofs/presentations_en.htm). FAO, Rome.
- 26 Smith, R.F., and R. van den Bosch. 1967. Integrated control. p. 295-340. *In* W.W. Kilglore and  
27 R.L. Doutt (ed) *Pest control: Biological, physical and selected chemical methods.* Academic  
28 Press, NY.
- 29 Smith, D.L., and L. Sparks. 1993. The transformation of physical distribution in retailing: The  
30 example of Tesco plc. *Int. Rev. Retail Distrib. Consum. Res.* 3(1):35-64.
- 31 Smith, M., G. Castillo, and F. Gomez. 2001. Participatory plant breeding with maize in Mexico  
32 and Honduras. *Euphytica* 122:551-565.
- 33 Snow, A., D. Andow, P. Gepts, E. Hallerman, A. Power, J. Tiedje, and L. Wolfenbarger. 2005.  
34 Genetically engineered organisms and the environment: Current status and  
35 recommendations. *Ecol. Applic.* 15:377-404.
- 36 Snowden, S.J. 2005. Complex acts of knowing: Paradox and descriptive self-awareness. *Special*  
37 *Issue. J. Knowledge Manage.* 6(2):100-111.

- 1 Snowden, F.M. 2006. The conquest of malaria. Italy, 1900-1962. Yale Univ. Press, New Haven.
- 2 Solow, R.M. 1957. Technical change and the aggregate production function. *Rev. Econ. Statist.*
- 3 39:312-320.
- 4 Song, Y. 1998. 'New' seed in 'old' China. Impact of CIMMYT collaborative programme maize
- 5 breeding in South-western China. Available at
- 6 [http://www.cimmyt.org/Research/Economics/map/impact\\_studies/pdf/NewSeed.pdf](http://www.cimmyt.org/Research/Economics/map/impact_studies/pdf/NewSeed.pdf).
- 7 Wageningen Univ., Netherlands.
- 8 Sorby, K. 2002. What is sustainable coffee? Background Pap. Agric. Tech. Note 30. World Bank,
- 9 Washington DC.
- 10 Sorby, K., G. Fleischer, and E. Pehu. 2003. Integrated pest management in development: Review
- 11 of trends and implementation strategies. Agric. Rural Dev. Dep., Working Pap. No. 5. World
- 12 Bank, Washington DC.
- 13 Sow, M. 1992. La riziculture traditionnelle sur les terres de mangrove en basse Guinée. IRAG,
- 14 Conakry.
- 15 Spedding, C.R.W. 1975. The biology of agricultural systems. Academic Press, London.
- 16 Sperling L., M. Loevinsohn, and B. Ntabomvura. 1993. Rethinking farmers' role in plant breeding:
- 17 Local bean experts and on-station selection in Rawanda. *Exp. Agric.* 29:509-519.
- 18 Spielman, D.J., and K. von Grebmer. 2004. Public-private partnerships in agricultural research:
- 19 An analysis of challenges facing industry and the CGIAR. *Environ. Prod. Tech. Div.*, IFPRI,
- 20 Washington DC.
- 21 Srinivasan, C.S. 2004. Plant variety protection in developing countries: A view from the private
- 22 seed sector in India. *J. New Seeds* 6(1):67-89
- 23 Stagl, S., M. Getzner, and C. Spash. 2004. Alternatives for environmental valuation. Routledge,
- 24 London.
- 25 Staudt, K. 1985. Women, foreign assistance and advocacy administration. Praeger, NY.
- 26 Staudt, K., and J.M. Col. 1991. Diversity in East Africa: Cultural pluralism, public policy and the
- 27 state. *Women Int. Dev. Ann.* 2:241-264.
- 28 Steffen, W., A. Sanderson, P.D. Tyson, J. Jäger, P.A. Matson, B. Moore et al. 2004. Global
- 29 change and the Earth system: A planet under pressure. Springer-Verlag, Berlin.
- 30 Steinfeld, H., P. Gerber, T. Wassenaar, V. Castel, M. Rosales, and C. de Hahn. 2006. Livestock's
- 31 long shadow: Environmental issues and options. Available at
- 32 [http://www.virtualcentre.org/en/library/key\\_pub/longshad/AOTO12EOO.pdf](http://www.virtualcentre.org/en/library/key_pub/longshad/AOTO12EOO.pdf). FAO, Rome.
- 33 Stern, V.M., R.F. Smith, R. van den Bosch, and K.S. Hagen. 1959. The integration of chemical
- 34 and biological control of the spotted alfalfa aphid. 1. The integrated control concept. *Higardia*
- 35 29:81-101.
- 36 Stern, N.L. 2006. Review report on the economics of climate change. Cambridge
- 37 Univ. Press, UK

- 1 Sthapit, B.R., K.D Joshi, and J.R. Witcombe. 1996. Participatory rice breeding in Nepal.  
2 Crop Improve. 23:179-188.
- 3 Stiglitz, J.E. 2006. Making globalization work. W.W. Norton, NY.
- 4 Stoll, G. 2002. Asia and the international context. Organic agriculture and rural poverty alleviation:  
5 Potential and best practices in Asia. UN Econ. Social Comm. for Asia and the Pacific,  
6 Bangkok.
- 7 Stone, G.D. 2007. Agricultural deskilling and the spread of genetically modified cotton in  
8 Warangal. Curr. Anthropol. 48:67-103.
- 9 Stone, D., and C. Wright. 2007. The World Bank and governance: A decade of reform and  
10 reaction. Routledge, Oxford.
- 11 Stoop, W. 2002. A study and comprehensive analysis of the causes for low adoption rates of  
12 agricultural research results in West and Central Africa: Possible solutions leading to greater  
13 future impacts: The Mali and Ghana case studies. Interim Science Council. CGIAR,  
14 Washington DC. and FAO, Rome.
- 15 Stringer, R. 2000. Food security in developing countries. Working Pap. No. 11. Available at  
16 <http://ssrn.com/abstract=231211>. CIES, Univ. Adelaide.
- 17 Strong, D.R., Jr. 1997. Fear no weevil? Science 277:1058-1059.
- 18 Strong, D.R. and R.W. Pemberton. 2001. Food webs, risks of alien enemies and reform of  
19 biological control. p. 57-80. In E. Wajnberg et al. (ed) Evaluating indirect effects of biological  
20 control. CABI Publ., UK.
- 21 Stroosnijder, L. and T. van Rheenen (ed) 2001. Agro-silvo-pastoral land use in  
22 Sahelian villages. Adv. Geocol. 33. Catena Verlag, Reiskirchen.
- 23 Sudhakar P., R.N. Rao, R. Bhat, and C.P Gupta. 1988. The economic impact of a foodborne  
24 disease outbreak due to Staphylococcus aureus. J. Food Prot. 51(11):898-900.
- 25 Swanson, B. (ed) 1984. Agricultural extension: Reference manual. 2nd ed. FAO, Rome.
- 26 Swanson, B., and W. Peterson. 1989. A field manual for analysing technology development and  
27 transfer systems. INTERPAKS report. Off. Int. Agric. Univ. Illinois, Urbana.
- 28 Swinnen, J.F.M., and L. Vranken. 2006. Patterns of land market development in transition. World  
29 Bank, Washington DC.
- 30 Symes, D., and A.J. Jansen (ed) 1994. Agricultural restructuring and rural change in Europe.  
31 Agricultural Univ., Wageningen.
- 32 Syngenta. 2003. The responsible stewardship of our crop protection products. Available at  
33 [http://www.syngenta.com/en/ar2003/social\\_responsibility/intro\\_stewardship.aspx](http://www.syngenta.com/en/ar2003/social_responsibility/intro_stewardship.aspx). Syngenta,  
34 Switzerland.
- 35 Syngenta. 2006. Syngenta's commitment to IPM. Available at [http://www.syngentacropprotection-](http://www.syngentacropprotection-us.com/enviro/ipm/index.asp?nav=ipm_syngenta)  
36 [us.com/enviro/ipm/index.asp?nav=ipm\\_syngenta](http://www.syngentacropprotection-us.com/enviro/ipm/index.asp?nav=ipm_syngenta). Syngenta Crop Protection US.
- 37 Tansey, G., and T. Rajotte (ed) 2008. The future control of food. Earthscan, London.

- 1 Tallontire, A., and B. Vorley. 2005. Achieving fairness in trading between supermarkets and their  
2 agrifood supply chains. UK Food Briefing Group, London.
- 3 Tee, E.S. 1999. Nutrition of Malaysians: Where are we heading? *Malaysian J. Nutr.* 5:87-109.
- 4 Ter Weel, P., and H. van der Wulp. 1999. Participatory integrated pest management. Policy Best  
5 Practice Doc. 3. Netherlands Min. For. Affairs, Dev. Coop. The Hague, The Netherlands.
- 6 Thapinta, A., and T. Hudak. 2000. Pesticide use and residue occurrence in Thailand.  
7 *Environ. Monitor. Assess.* 60:103-114.
- 8 Thayer, A.M. 2001. Owning biotech. *Chem. Engineer. News* 78:25-32.
- 9 Thomas, J.W. 1975. The choice of technology for irrigation tubewells in East Pakistan: An  
10 analysis of a development policy decision. *In* P.C.Timmer et al. (ed) *The choice of*  
11 *technology in developing countries: Some cautionary tales.* Center Int. Affairs. Harvard Univ.  
12 Press, Boston.
- 13 Thrupp, L.A. 1990. Inappropriate incentives for pesticide use: Credit requirements for  
14 agrochemicals in developing countries. *Agric. Human Values* 7:62-69.
- 15 Thrupp, L.A. 1996. New partnerships for sustainable agriculture. *World Resour. Inst.*, Washington  
16 DC.
- 17 Tiffen, M., M. Mortimore, and F. Gichuki. 1994. More people, less erosion: Environmental  
18 recovery in Kenya. Wiley, Chichester.
- 19 Tittonell, P., B. Vanlauwe, P.A. Leffelar, E. Rowe, and K.E. Giller. 2005. Exploring diversity in soil  
20 fertility management of smallholder farms in western Kenya. I: Heterogeneity at regional and  
21 farm scales. *Agric. Ecosyst. Environ.* 110:149-165.
- 22 Tittonell, P., B. Vanlauwe, N. de Ridder, K.E. Giller. 2007. Heterogeneity of crop productivity and  
23 resource use efficiency within smallholder Kenyan farms: Soil fertility gradients or  
24 management intensity gradients? *Agric. Syst.* 94:376-390.
- 25 Tobin, R.J. 1996. Pest management, the environment and Japanese foreign assistance. *Food*  
26 *Policy* 21:211-228.
- 27 Touni, E., B. Nyambo, and A. Youdeowei. 2007. Potential NGO roles in prevention: Components  
28 of ASP projects. *African Stockpiles Prog. Prevention Res. Project.* Available at  
29 [http://www.pan-](http://www.pan-uk.org/Projects/Obsolete/PAN%20UK%20Arusha%20WORKSHOP%20REPORT.pdf)  
30 [uk.org/Projects/Obsolete/PAN%20UK%20Arusha%20WORKSHOP%20REPORT.pdf](http://www.pan-uk.org/Projects/Obsolete/PAN%20UK%20Arusha%20WORKSHOP%20REPORT.pdf). PAN  
31 UK, London.
- 32 Ton, P. 2003. Organic cotton in sub-Saharan Africa. Available at [http://www.pan-](http://www.pan-uk.org/pestnews/pn62p4.htm)  
33 [uk.org/pestnews/pn62p4.htm](http://www.pan-uk.org/pestnews/pn62p4.htm). PAN-UK, London.
- 34 Tozun, N. 2001. New policy, old patterns: A survey of IPM in World Bank projects. *Global*  
35 *pesticide campaigner.* Available at  
36 [http://www.panna.org/resources/gpc/gpc\\_200104.11.1.pdf](http://www.panna.org/resources/gpc/gpc_200104.11.1.pdf). PANNA, San Francisco.

- 1 Tracy, M. 1993. Food and agriculture in a market economy: An introduction to theory, practice  
2 and policy. APS, Belgium.
- 3 Traxler, G., S. Godoy-Avila, and J. Falck-Zepeda, and J. Espinoza-Arellano. 2001. Transgenic  
4 cotton in Mexico: Economic and environment impacts. Dep. Agric. Working Pap. Auburn  
5 Univ., AL.
- 6 Tribe, G.D. 2003. Biological control of defoliating and phloem- or wood-feeding insects in  
7 commercial forestry in Southern Africa. p. 113-130. *In* P. Neuenschwander et al. (ed)  
8 Biological control in IPM systems in Africa. CABI Publ., UK.
- 9 Trinh, L.N., J.W. Watson, Hue, N.N. De, N.V. Minh, P. Chu et al. 2003. Agrobiodiversity  
10 conservation and development in Vietnamese home gardens. *Agric. Ecosyst. Environ.*  
11 97:317-344.
- 12 Tripp, R.1997. The structure of the national seed systems. p. 14-42. *In* R. Tripp (ed) *New seeds*  
13 *and old laws. Regulatory reform and the diversification of national seed systems.* IT Publ.,  
14 London.
- 15 Tripp, R. 2000. Strategies for seed system development in sub-Saharan Africa. Working Pap.  
16 ICRISAT, Patancheru, India.
- 17 Tripp, R. 2005. The performance of low external input technology in agricultural development: A  
18 summary of three case studies. *Int. J. Agric. Sustain.* 3(3):143-153.
- 19 Tripp, R. 2006a. Is low external input technology contributing to sustainable agricultural  
20 development? *Nat. Resour. Perspect.* 102. Overseas Dev. Inst., London.
- 21 Tripp, R. 2006b. Self-sufficient agriculture: Labor and knowledge in small-scale farming.  
22 Earthscan, London.
- 23 Tripp, R., and D. Byerlee. 2000. Public plant breeding in an era of privatisation. *Natural resources*  
24 *perspectives.* No. 57. Available at <http://www.odi.org.uk/NRP/57.pdf>. ODI, London.
- 25 Tripp, R., M. Wijeratne, and V.H. Piyadasa. 2005. What should we expect from farmer field  
26 schools? A Sri Lankan case study. *World Dev.* 33:1705-1720.
- 27 Tsegaye, B. 1997. The significance of biodiversity for sustaining agricultural production and role  
28 of women in the traditional sector: The Ethiopian experience. *Agric. Ecosyst. Environ.*  
29 62:215-227.
- 30 UCS (Union of Concerned Scientists). 2004. Scientific integrity in policymaking: An investigation  
31 into the Bush Administration's misuse of science. UCS, Cambridge.
- 32 UN Habitat 2007. State of the world's cities. UN Human Settlements Program, Nairobi.
- 33 UN Millennium Project. 2005. Halving hunger: It can be done. Rep. Task Force on Hunger. The  
34 Earth Institute at Columbia Univ., NY.
- 35 UNCED. 1993. Rio Declaration on Environment and Development. Principle 15. Rio de Janeiro,  
36 Brazil. Available at <http://habitat.igc.org/agenda21/rio-dec.htm>. UN Conf. Environ. Dev., NY.

- 1 UNCTAD. 2006. Tracking the trend towards market concentration: The case of the agricultural  
2 input industry. Available at [http://www.unctad.org/en/docs/ditccom200516\\_en.pdf](http://www.unctad.org/en/docs/ditccom200516_en.pdf). UNCTAD  
3 [report UNCTAD/DITC/COM/2005/16](http://www.unctad.org/en/docs/ditccom200516_en.pdf).
- 4 UNDP. 1995. Agroecology: Creating the synergism for a sustainable agriculture. UNDP  
5 Guidebook Ser. Sustain. Energy Environ. Div., UNDP, NY.
- 6 UNEP. 2005. One planet, many people: Atlas of our changing environment. UNEP, Nairobi.
- 7 UNESCO. 1993. World science report, 1993. UNESCO, Paris.
- 8 UNESCO. 2005. Global education digest. Comparing education statistics across the world.  
9 Available at [http://www.uis.unesco.org/template/pdf/ged/2005/ged2005\\_en.pdf](http://www.uis.unesco.org/template/pdf/ged/2005/ged2005_en.pdf). UNESCO,  
10 Paris.
- 11 UNHCR. 2007. The state of the world's refugees. UN High Commission for Refugees, Geneva.
- 12 UNRISD. 1975. Rural institutions and planned change. UN Res. Inst. Social Dev., Geneva.
- 13 UNRISD, 2006. Land tenure reform and gender equality. Res. Policy Brief 4. UN Res. Inst. Social  
14 Dev., Geneva.
- 15 Unilever. 2005. Unilever's Colworth farm project. Putting sustainable agriculture to the test.  
16 Unilever R&D, Colworth.
- 17 Unnevehr, L., and H.H. Jensen. 1999. The economic implications of using HACCP as a food  
18 safety regulatory standard. *Food Policy* 24(6):625-635.
- 19 Unver, A. 2005. The road less chosen. A personal account of rural development in Turkey (1965-  
20 2005). TKV, Ankara.
- 21 Uphoff, N. 1993. Foreword. *In* J. Farrington et al. (ed) *Reluctant partners? Non-government*  
22 *organisations, the state and sustainable agricultural development*. Routledge, London.
- 23 UPWARD. 2002. Papers for international farmer field school workshop. Yogyakarta, Indonesia.  
24 21-25 Oct 2002. Available at [http://www.eseap.cipotato.org/UPWARD/Events/FFS-](http://www.eseap.cipotato.org/UPWARD/Events/FFS-Workshop-Yogya2002/Draft-Workshop-Papers.htm)  
25 [Workshop-Yogya2002/Draft-Workshop-Papers.htm](http://www.eseap.cipotato.org/UPWARD/Events/FFS-Workshop-Yogya2002/Draft-Workshop-Papers.htm).
- 26 USAID. 2004. USAID agricultural strategy: Linking producers to markets. July 2004. Available at  
27 [http://www.usaid.gov/our\\_work/agriculture/ag\\_strategy\\_9\\_04\\_508.pdf](http://www.usaid.gov/our_work/agriculture/ag_strategy_9_04_508.pdf). USAID, Washington  
28 DC.
- 29 USAID. 2007. Publications, presentations and other products of the IPM CRSP. Cumulative  
30 compilation updated March 2007. Available at  
31 <http://www.oired.vt.edu/ipmcrsp/communications/annrepts/NEW%20PubList%2006->  
32 [updated.pdf](http://www.oired.vt.edu/ipmcrsp/communications/annrepts/NEW%20PubList%2006-updated.pdf). USAID, Washington DC.
- 33 USDA. 1993. The practice of integrated pest management (IPM). The PAMS approach. Available  
34 at <http://www.ipmcenters.org/Docs/PAMS.pdf>. USDA, Washington DC.
- 35 USDA. 2000. Genetically engineered crops: Has adoption reduced pesticide use? ERS AO #273.  
36 USDA, Washington DC.



- 1 USDA/NRCS 2001. Pest management policy. General Manual Title 190, Amend. 6. USDA, Nat.  
2 Resources Conserv. Serv., Washington DC.
- 3 USGS. 2006. The quality of our nation's waters, pesticides in the nation's streams and ground  
4 water, 1992-2001. Available at  
5 [http://ca.water.usgs.gov/pnsp/pubs/circ1291/show\\_description.php?chapter=6&figure=5](http://ca.water.usgs.gov/pnsp/pubs/circ1291/show_description.php?chapter=6&figure=5).  
6 USGS, Washington DC.
- 7 Van den Ban, A. 1963 . Boer en Landbouwvoorlicting. De Communciatie ven Nieuwe  
8 Landbouwmethoden. Van Gorcum, Netherlands.
- 9 Van den Ban, A., and R.K. Samanta (ed) 2006. Changing roles of agricultural extension in Asian  
10 nations. B.R. Publ., Delhi.
- 11 Van den Berg, H., and J. Jiggins. 2007. Investing in farmers: The impacts of farmer field schools  
12 in integrated pest management. *World Dev.* 35:663-686.
- 13 Van Driesche, R.G., and M.S. Hoddle. 2000. Classical arthropod biological control: measuring  
14 success, step by step. p. 39-75. *In* G. Gurr, and S. Wratten (ed) *Measures of success in*  
15 *biological control*. Kluwer, Dordrecht.
- 16 Van Duuren, B. 2003. Integrated pest management farmer training project, Cambodia.  
17 Assessment of the impact of the IPM program at field level. DANIDA, Phnom Penh.
- 18 Van Emden, H. 1974. Pest control and its ecology. *Inst. Biol., Studies in Biology No. 50*. Edward  
19 Arnold, London.
- 20 Van Huis, A., and F. Meerman. 1997. Can we make IPM work for resource-poor farmers in  
21 subSaharan Africa? *Int. J. Pest Manage.* 43(4):313-320.
- 22 Van Ittersum, M.K., R.P. Roetter, H. Van Keulen, N. De Ridder, C.T. Honah, A.G. Laborte et al.  
23 2004. A systems network (SysNet) approach for interactively evaluating strategic land use  
24 options at a national scale in South and South-east Asia. *Land Use Policy* 21:101-113.
- 25 Van Lenteren, J.C. (ed) 2006. IOBC internet book of biological control. Available at  
26 <http://www.unipa.it/iobc/downlaod/IOBC%20InternetBookBiCoVersion4October2006.pdf>.  
27 IOBC, Wageningen.
- 28 Van Lenteren, J.C., A.K. Minks and O.M.B. de Ponti (ed) 1992. *Biological control and integrated*  
29 *crop protection: Towards environmentally safer agriculture*. Pudoc, Wageningen.
- 30 Van Lenteren, J., and V. Bueno. 2003. Augmentative biological control of arthropods in Latin  
31 America. *BioControl* 48:123-139.
- 32 Van Leur, J.A.G., and H. Gebre. 2003. Diversity between some Ethiopian farmer's varieties of  
33 barley and within these varieties among seed sources. *Genetic Resour. Crop Evol.* 50:351-  
34 357.
- 35 Van Mele, P., and A. Salahuddin. 2005. *Innovations in rural extension*. CABI, UK.
- 36 Van Schoubroeck, F. 1999. Learning to fight a fly. Developing citrus IPM in Bhutan. Publ. PhD  
37 thesis. Wageningen Univ., The Netherlands.

- 1 Van Veldhuizen, L., A. Waters-Bayer, R. Ramirez, D.A. Johnson, and J. Thompson (ed) 1997.  
2 Farmers' research in practice. Lessons from the field. Intermediate Tech. Publ., London.
- 3 Vandeman, A.M. 1995. Management in a bottle: Pesticides and the deskilling of agriculture. *Rev.*  
4 *Radical Pol. Econ.* 27(3):49-55.
- 5 Vanlauwe, B., P. Tittonell, and J. Mukulama. 2006. Within-farm soil fertility gradients affect  
6 response of maize to fertiliser application in western Kenya. *Nut. Cycl. Agroecosyst.* 76:171-  
7 182.
- 8 Varela, F., E. Thompson, and E. Rosch. 1993. The embodied mind: Cognitive science and  
9 human experience. MIT Press, Cambridge MA.
- 10 Verhaegen, E., V. Campens, H. Wustenberghs, L. Lauwers, and R. Nutelet. 2002. Environmental  
11 aspects of agricultural accounts. Execution Rep., Centre for Agric. Econ., Brussels.
- 12 Vernooy, R., and Y.C. Song. 2004. New approaches to supporting the agricultural biodiversity  
13 important for sustainable rural livelihoods. *Int. J. Agric. Sustain.* 2:55-66.
- 14 Vilella, F., C. Banchemo, A. Frascina, and M.C. Plencovich. 2002. Torres de acero, torres de  
15 marfil: El reto de identificar indicadores de calidad en la relación universidad-industria del  
16 futuro. *In Educación y Desarrollo para el Futuro del Mundo.* Ed. Fundación para la  
17 Educación Superior Int., A.C., México.
- 18 Vilella, F., M.C. Plencovich, A. Ayala Torales, and C. Bogosian. 2003. La Facultad de Agronomía  
19 de la UBA ante el proceso de autoevaluación. Editorial EFA, Buenos Aires.
- 20 Virk, D.S., M. Chakraborty, J. Ghosh, S.C. Prasad, and J.R. Witcombe. 2005. Increasing the  
21 client orientation of maize breeding using farmer participation in Eastern India. *Exp. Agric.*  
22 41:413-426.
- 23 Visser, B., D. Eaton, N. Louwaars, and J. Engles. 2000. Transaction costs of germplasm  
24 exchange under bilateral agreements. Doc. No. GFAR/00/17-04-04. GFAR. Available at  
25 [www.egfar.org/documents/conference/GFAR\\_2000/gfar1702.PDF](http://www.egfar.org/documents/conference/GFAR_2000/gfar1702.PDF). FAO, Rome.
- 26 Visser, B., R. Pistorius, R. van Raalte, D. Eaton, and N. Louwaars. 2005. Options for non  
27 monetary benefit sharing, an inventory. Background Study Pap. No. 30. Comm. on Genetic  
28 Resour. Food Agric. Available at [ftp://ext-ftp.fao.org/ag/cgrfa/BSP/bsp30e.pdf](http://ext-ftp.fao.org/ag/cgrfa/BSP/bsp30e.pdf). FAO, Rome.
- 29 Virk, D.S., D.N. Singh, S.C Prasad, J.S Gangwar, and J.R Witcombe. 2003. Collaborative and  
30 consultative participatory plant breeding of rice for the rainfed uplands of eastern India.  
31 *Euphytica* 132:95-108.
- 32 Virk, D.S., M. Chakraborty, J. Ghosh, S.C. Prasad, and J.R. Witcombe. 2005. Increasing the  
33 client orientation of maize breeding using farmer participation in eastern India. *Exp. Agric.*  
34 41:413-426
- 35 Vorley, B. 2003. Food, Inc: Corporate concentration from farm to consumer. UK Food Group,  
36 London.

- 1 Waage, J. 1996. Agendas, aliens and agriculture: global biocontrol in the post-UNCED era.  
2 Cornell Community Conf. Biol. Control. Apr 11-13. Cornell University, Ithaca.
- 3 Waage, J.K. 1997. Biopesticides at the cross-roads: IPM products or chemical clones? p. 11-19.  
4 *In* Microbial Insecticides: Novelty or necessity? BCPC Proc. No. 68. Warwick, UK, 16-18  
5 April 1996. BCPC Publ., Bracknell, UK.
- 6 Wade, R.H. 1996. Japan, the World Bank, and the art of paradigm maintenance: The East Asian  
7 miracle in political perspective. *New Left Rev.* 217:3-36.
- 8 Wade, R.H. 1997. Greening the Bank: The struggle over the environment 1970-95. p. 611-734. *In*  
9 D. Kapur et al. (ed) *The World Bank: Its first half century*. Vol. 2. Brookings Inst. Press.
- 10 Wade, R.H. 2001. Making the World Development Report 2000: Attacking poverty. *World Dev.*  
11 29(6):1435-42.
- 12 Wade, R.H. 2004. The World Bank and the environment. p. 72-93. *In* M. Boas and D. McNeill (ed)  
13 *Global institutions and development: Framing the world?* Routledge, London and NY.
- 14 Wafula, J.S., and C.C. Ndirutu. 1996. Capacity building needs for assessment and management  
15 of risks posed by living modified organisms, perspectives of a developing country. p. 63-70.  
16 *In* K.J. Mulongoy et al. (ed) *Transboundary movement of living modified organisms resulting*  
17 *from modern biotechnology*. Int. Acad. Environ., Geneva.
- 18 Wajnberg, E., J.K. Scott, and P.C. Quimby (ed) 2001. *Evaluating indirect effects of biological*  
19 *control*. CABI Publ., UK.
- 20 Wale, M., F. Schulthess, E.W. Kairu, and C.O. Omwega. 2006. Cereal yield losses due to  
21 lepidopterous stemborers at different nitrogen fertilizer rates in Ethiopia. *J. Appl. Entomol.*  
22 130:220-229.
- 23 Walker, D.H. 2002. Decision support, learning and rural resource management. *Agric. Syst.*  
24 73:113-127.
- 25 Walker, T. 2007. Participatory varietal selection, participatory plant breeding and varietal change.  
26 Background paper for World Development Report 2008, World Bank, Washington DC.
- 27 Wargo, J. 1996. *Our children's toxic legacy: How science and law fail to protect us from*  
28 *pesticides*. Yale Univ. Press, New Haven CT.
- 29 Warner, K.D. 2006a. *Agroecology in action: Social networks extending alternative agriculture*.  
30 MIT Press, Cambridge.
- 31 Warner, K.D. 2006b. Extending agroecology: Grower participation in partnerships is key to social  
32 learning. *Renewable Food Agric. Syst.* 21(2):84-94.
- 33 Warren, D.M., and B. Rajasekaran. 1993. Putting local knowledge to good use. *Int. Agric. Dev.*  
34 13:8-10.
- 35 Washburn, J. 2005. *University, Inc.: The corporate corruption of american higher education*. Basic  
36 Books.

- 1 Watkins, K. 1996. Free trade and farm fallacies. From the Uruguay Round to the World Food  
2 Summit. *Ecologist* 26:244-255
- 3 Watterson, A. 2001 Pesticide health and safety and the work and impact of international  
4 agencies: Partial successes and major failures. *Int. J. Occup. Environ. Health* 7(4):339-347.
- 5 Webb, P., and B. Rogers. 2003. Addressing the “in” in food insecurity. Available at  
6 <http://www.fantaproject.org/publications/ffpOP1.shtml>. USAID Off. Food for Peace Occas.  
7 Pap. No.1, Washington DC.
- 8 Weick, K. 1976. Educational organizations as loosely coupled systems. *Admin. Sci. Q.* 21(1):1-  
9 19.
- 10 Weismann, D. 2006. Global hunger index: Measurement concept, ranking of countries, and  
11 trends. FCND Discussion Paper 212. IFPRI, Washington DC.
- 12 Welch, R.M., and R.D. Graham. 1999. A new paradigm for world agriculture: meeting human  
13 needs – productive, sustainable, nutritious. *Field Crops Research* 60:1-10.
- 14 Werge, R. 1978. Social science training for regional agricultural development. CIMMYT Asian  
15 Rep. No. 5. CIMMYT Asian Reg. Off., New Delhi.
- 16 Wesseling C., L. Castillo, and C.G. Elinder. 1993. Pesticide poisonings in Costa Rica. *Scand. J.*  
17 *Work Environ. Health* 19:227-235.
- 18 Wesseling, C., R. McConnell, T. Partanen, and C. Hogstedt. 1997. Pesticides in developing  
19 countries: A review of occupational health impact and research needs. *Int. J. Health Serv.*  
20 27:273-308.
- 21 Wesseling, C., B. van Wendel de Joode, C. Ruepert, C. Leon, P. Monge, H. Hermasillo et al.  
22 2001. Paraquat in developing countries. *Int. J. Occup. Environ. Health* 7:275-286.
- 23 Wesseling, C., M. Kiefer, A. Ahlbom, R. McConnell, J. Moon, L. Rosenstock et al. 2002. Long  
24 term neurobehavioral effects of mild poisoning with organophosphate and n-methyl  
25 carbamate pesticides among banana workers. *Int. J. Occup. Environ. Health* 8(1):27-34.
- 26 Wesseling, C., M. Corriols, and V. Bravo. 2005. Acute pesticide poisoning and pesticide  
27 registration in Central America. *Toxicol. Appl. Pharmacol.* 207:S697-S705.
- 28 WHO. 1999. Public health impact of pesticides used in agriculture. WHO, Geneva.
- 29 WHO. 2002a. Global strategy for food safety: Safer food for better health. Available at  
30 [http://www.who.int/foodsafety/publications/general/en/strategy\\_en.pdf](http://www.who.int/foodsafety/publications/general/en/strategy_en.pdf). WHO, Geneva.
- 31 WHO. 2004. Avian influenza A (H5N1) in humans and in poultry in Asia: Food safety  
32 considerations. 24 Jan. 2004. Available at <http://www.who.int/foodsafety/micro/avian1/en/>.  
33 WHO, Geneva.
- 34 Whorton, D., R.M. Krauss, S. Marshall, and T.H. Milby. 1977. Infertility in male pesticide workers.  
35 *The Lancet* 310:1259-1261.
- 36 Williamson, S. 2001. Natural enemies and farmer decision-making. *Biocont. News Inform.*  
37 22(4):91-94.

- 1 Williamson, S. 2005. Breaking the barriers to IPM in Africa: Evidence from Benin, Ethiopia,  
2 Ghana and Senegal. p. 165-180. *In* J. Pretty (ed) *The pesticide detox: Towards a more*  
3 *sustainable agriculture*. Earthscan, London.
- 4 Williamson, S., and D. Buffin. 2005. Towards safe pest management in industrialized agricultural  
5 systems. p. 212-225. *In* J. Pretty (ed) *The pesticide detox: Towards a more sustainable*  
6 *agriculture*. Earthscan, London.
- 7 Wilson, C.G., and R.C. McFadyen. 2000. Biological control in the developing world: Safety and  
8 legal issues. p. 505-511. *In* N.R. Spencer (ed) *Proc. Xth Int. Symp. Biol. Control of Weeds*. 4-  
9 14 July 1999. Montana State Univ., Bozeman.
- 10 Wilson, D. 2005. The context of food security. *Proc. Conf. New Perspectives on Food Security* 12-  
11 14 Nov. Available at  
12 [www.glynwood.org/programs/foodsec/FSC%20Full%20Proceedings.pdf](http://www.glynwood.org/programs/foodsec/FSC%20Full%20Proceedings.pdf). Glywood Center,  
13 Cold Spring NY.
- 14 Windfuhr, M., and J. Jonsén. 2005. Food sovereignty: Towards democracy in localized food  
15 systems. Schumacher Centre Tech. Dev., ITDG Publ., UK.
- 16 Windsor, R.S. 1992. Economic benefits of controlling internal and external parasites in South  
17 American camelids. *Annals NY Acad. Sci.* 653:398.
- 18 Winter, M. 1996. *Rural politics. Policies for agriculture, forestry and the environment*. Routledge,  
19 London.
- 20 Witcombe, J.R., K.D. Joshi, R.B Rana, and D.S Virk. 2001. Increasing genetic diversity by  
21 participatory varietal selection in high potential production systems in Nepal and India.  
22 *Euphytica* 122:575-588.
- 23 Witcombe, J.R., A. Joshi, and S.N. Goyal. 2003. Participatory plant breeding in maize: A case  
24 study from Gujarat, India. *Euphytica* 120:413-422.
- 25 Witcombe, J.R., K.D. Joshi, S. Gyawali, A.M. Musa, C. Johansen, D.S. Virk et al. 2005.  
26 Participatory plant breeding is better described as highly client-oriented plant breeding. I.  
27 Four indicators of client-orientation in plant breeding. *Exp. Agric.* 41:299-319.
- 28 Wodageneh, A. 1989. Constraints confronting national biological control programs. p. 166-172. *In*  
29 J.S. Yaninek, and H.R. Herren (ed) *Biological control: A sustainable solution to crop pest*  
30 *problems in Africa*. *Proc. Inaugural Conf. Workshop of the IITA Biological Control Program*  
31 *Center Africa. Cotonou. 5-9 Dec. 1988*. IITA, Ibadan.
- 32 Wolfe, M. 1992. Barley diseases: Maintaining the value of our varieties. *Barley Genetics* 6:1055-  
33 1067.
- 34 Wolfenbarger, L., and P. Phifer. 2000. The ecological risks and benefits of genetically modified  
35 plants. *Science* 290:2088-2093.
- 36 Woodhill, J. 1999. *Sustaining rural Australia: A political economic critique of natural resource*  
37 *management*. PhD. Dissertation. The Australian Nat. Univ., Canberra.

- 1 Wopereis, M.C.S., A. Tamélokpo, G. Ezui, G. Gnakpénou, B. Fofana et al. 2006. Mineral fertilizer  
2 management strategies for maize on farmer fields differing in organic input history in the  
3 African Sudan savanna zone. *Field Crop. Res.* 96:355-362.
- 4 World Bank. 1995. Bangladesh, India and Pakistan - Seed projects. *Ind. Eval. Group Rep. No.*  
5 14761. World Bank, Washington DC.
- 6 World Bank. 1998a. Operational Policy 4.09 on pest management. World Bank, Washington DC.  
7 Available at <http://wbIn0018.worldbank.org/Institutional/Manuals/OpManual.nsf>. World Bank,  
8 Washington DC.
- 9 World Bank. 2003. The CGIAR at 31: An independent meta-evaluation of the consultative group  
10 on international agricultural research. Vol. 3. *Oper. Eval. Dep.* World Bank, Washington DC.
- 11 World Bank. 2005a. Education: Building on indigenous knowledge. *IK Notes No. 87.* Dec.  
12 Available at [www.worldbank.org/afr/ik](http://www.worldbank.org/afr/ik). World Bank, Washington DC.
- 13 World Bank. 2005b. Food safety and agricultural health standards: Challenges and opportunities  
14 for developing country exports. Available at  
15 <http://www.oecd.org/dataoecd/5/24/34378759.pdf>.
- 16 World Bank. 2005c. Agricultural growth for the poor. An agenda for development. Available at  
17 [http://siteresources.worldbank.org/INTARD/Resources/Agricultural\\_Growth\\_for\\_the\\_Poor.pdf](http://siteresources.worldbank.org/INTARD/Resources/Agricultural_Growth_for_the_Poor.pdf)  
18 . World Bank, Washington DC.
- 19 World Bank. 2005d. Sustainable pest management: Achievements and challenges. *Rep. No.*  
20 32714-GLB. Available at  
21 <http://info.worldbank.org/etools/docs/library/201658/783%5FRreport.pdf>. World Bank,  
22 Washington, DC.
- 23 World Bank. 2006. Cultural heritage and collective intellectual property rights. *IK Notes No. 95.*  
24 World Bank, Washington DC.
- 25 World Bank. 2008. Agriculture for development in the 21<sup>st</sup> Century. *World Development Report.*  
26 World Bank, Washington DC.
- 27 WRI/UNEP/WCSD. 2002. Tomorrow's markets. Global trends and their implications for business.  
28 WRI, Washington DC, UNEP, Paris, WBCSD (World Business Council for Sustainable Dev.),  
29 Geneva.
- 30 Wright, J. 2005. Falta Petroleo! Perspectives on the merge of a more ecological farming and  
31 food system in post-crisis Cuba. *Publ. PhD.* Wageningen University, The Netherlands.
- 32 Wustenberghs, H., E. Verhaegen, L. Lauwers, and E. Mathijs. 2004. Monitoring agriculture's  
33 multifunctionality by means of integrated nation-wide accounting. 90th EAAE Seminar on  
34 Multifunctional Agriculture, Policies and Markets: Understanding the critical linkage, Rennes,  
35 France. 27-29 Oct. Available at  
36 [http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/45\\_Wustenberghs](http://merlin.lusignan.inra.fr:8080/eaee/website/pdf/45_Wustenberghs).

- 1 Wustenberghs, H., E. Verhaegen, and L. Lauwers. 2005. Evaluation of landscape amenity  
2 benefits in multifunctional agricultural accounts. *Int. Conf. Multifunctionality of Landscapes:*  
3 *Analysis, Evaluation and Decision Support.* Giesen, 18-20 May.
- 4 Young, E.M. 2004. Globalization and food security: Novel questions in a novel context? *Progress*  
5 *Dev. Studies* 4(1):1-21.
- 6 Yudelmann, M., A. Ratta, and D. Nygaard. 1998. Pest management and food production. *Food,*  
7 *Agric. Environ. Disc. Pap. 25.* IFPRI, Washington DC.
- 8 Yunus, M. 1977. Story of a deep tubewell with a difference: A report on Osmania School purba  
9 beel tubewell. p. 84. *In Locally Sponsored Dev. Prog. Ser. Rep. No. 28, Rural Studies*  
10 *Project, Dep. Econ., Chittagong University, Bangladesh.*
- 11 Yunus, M. 1982. Annual Report 1981. Grameen Bank, Dhaka.
- 12 Yunus, M., and M. Islam. 1975. A report on Shahjalaler Shyamal Sylhet. *In Locally Sponsored*  
13 *Dev. Prog. Ser. Rep. No. 1, Rural Studies Project, Dep. Econ., Chittagong University,*  
14 *Bangladesh.*
- 15 Zahn, J. 2001. Social and environmental responsibility of large enterprises in the north/south.  
16 *Globalization as opportunity: The example of Daimler Chrysler in Latin America.* POEMA  
17 *Pap. No.1, Belém.*
- 18 Zeddies, J., R.P. Schaab, P. Neuenschwander, and H.R. Herren. 2001. Economics of biological  
19 control of cassava mealybug in Africa. *Agric. Econ.* 24:209-219.
- 20 Zingore, S., H.K. Murwira, R.J. Delve, and K.E. Giller. 2007. Influence of nutrient management  
21 strategies on variability of soil fertility, crop yields and nutrient balances on smallholder farms  
22 in Zimbabwe. *Agric. Ecosyst. Environ.* 119:112-126.
- 23 Zoundi, S.J., M.H. Collion., and H. Hocdé. 2001. Partnerships between producer organizations  
24 and research and extension institutions. p. 38-45. *In P. Rondot and M.H. Collion (ed)*  
25 *Agricultural producer organizations: Their contribution to rural capacity building and poverty*  
26 *reduction. Available at [http://publications.cirad.fr/une\\_notice.php?dk=507572](http://publications.cirad.fr/une_notice.php?dk=507572).* World Bank,  
27 Washington DC.