

## Chapter 2 References

- Abidin, P.E., et al. 2005. Adaptation and stability analysis of sweet potato varieties for low-input systems in Uganda. *Plant Breeding* 124: 491-497.
- ACIAR. Biotechnology for improving Asian food production. ACIAR, Australia. Accessed at [http://www.aciar.gov.au/web.nsf/att/ACIA-5K36CV/\\$file/2-5.PDF](http://www.aciar.gov.au/web.nsf/att/ACIA-5K36CV/$file/2-5.PDF).
- Adato M., and R. Meinzen-Dick. 2002. Assessing the impact of agricultural research on poverty using the sustainable livelihoods framework. FCND Discussion Paper 128, EPTD Discussion Paper 89, IFPRI, Washington DC.
- AgLearn Network for Sustainable Agriculture 2005. A brief history of IPM. Accessed at <http://www.aglearn.net/resources/introlPM/histlPM.pdf>
- Agrawal, B.D., et al., 1979, Maize On - farm Research Project (1979 Report). Pantnager: G. B. Pant University of Agriculture and Technology, Pantnager, Uttar Pradesh, India
- Ajayi, O.O.C. 2000. Pesticide use practices, productivity and farmers' health: The case of cotton-rice systems in Côte d'Ivoire, West Africa. Publisher? Hanover.
- Akca, H., M. Sayili, and A. Kurunc. 2005. Trade-off between multifunctional agriculture, externality and environment. *J. Appl. Sci. Res.* 1: 298-301.
- Alavanja, M.C.R., et al. 1996. The agricultural health study. *Env. Health Perspectives* 104: 362-369.
- Al-Babili, S., and P. Beyer. 2005. Golden Rice – five years on the road- five years to go? *Trends in Plant Sci.* 12:565-573
- Alene, A.D., P. Neuenschwander, V. Manyong, O. Coulibaly, and R. Hanna. 2005. The impact of IITA-led biological control of major pests in sub-Saharan African agriculture: a synthesis of milestones and empirical results. International Institute of Tropical Agriculture, Ibadan, Nigeria.
- Alex, G. 1997. USAID and Agricultural Research—Review of USAID support for agricultural research, 1952-96. Wash. DC: Environmentally Sustainable Development Agricultural Research and Extension Group at the World Bank.
- Alex, G. & D. Byerlee. 2001. Monitoring and Evaluation for AKIS Projects: Framework and Options.  
AKIS Good Practice Note. The Agricultural Knowledge and Information Systems (AKIS) Thematic team, Rural Development Family. World Bank. Washington D.C.
- Alexander, M. 1996. Internal World Bank Memo, March 15, 1996. World Bank, Wash. D.C.
- Alexanian, S., Anderson, M.D., Firbank, L., Metera D., (forthcoming) North America/Europe Sub-Global Assessment, IAASTD Chapter 1.
- Allaire, G. 1996. Transformation des systèmes d'innovation: Réflexions à partir des "Nouvelles fonctions de l'Agriculture." p. 1-29. In G. Allaire, B. Hubert, and A. Langlet (ed.) *Nouvelles fonctions de l'Agriculture et de l'Espace Rural; Enjeux et défis identifiés par la recherche*. INRA Editions, Toulouse.
- Almekinders C., and N. Louwaars. 1999. Farmers' seed production. In *New Approaches and Practices*. Intermediate Technology Publications, London.
- Almekinders C.J.M. and Elings A. 2001. Collaboration of farmers and breeders: Participatory crop improvement in perspective. *Euphytica* 122: 525-438.
- Alston, J. M., and P. G. Pardey. 1996. Making science pay: The economics of agricultural R&D policy. Washington, D.C.: American Enterprise Institute.
- Alston, J.M.. 1999. The economics of agricultural R&D policy. Chapter 2 in *Paying for agricultural productivity*, ed. J. M. Alston, P. G. Pardey, and V. H. Smith. Baltimore: Alston, J. M., Pardey, P. G. and Roseboom, J. 1998. Financing agricultural research : international investment patterns and policy perspectives. *World Development* (Oxford), 26, 6, 1057-1071.
- Altieri, M. A. 1987. *Agroecology: The scientific basis of alternative agriculture*. Westview Press, Boulder.
- Altieri, M. A. 1987. *Agroecology: The Scientific Basis of Alternative Agriculture*. Westview Press, Boulder, 227 p.
- Altieri, M.A., 1991. Classical biological control and social equity. *Bull Ent Res* 81: 365-369.
- Altieri, M. 1999. *Applying agroecology to enhance the productivity of peasant farming systems in Latin America*. *Env., Develop. Sustainability.* 1: 197-217.
- Altieri, M., J. Trujillo, L. Campos, C. Kleinkoch, C. Gold, and J. Queza, J. 1989. Classical biological control in Latin America: past, present, and future. p. 57-74. In T. W. Rusher

- (ed.). Principles and Application of Biological Control. Univ. CA Press, Berkeley, California.
- Altieri, M.A., P.M. Rosset, and C.I. Nicholls. 1997. Biological control and agricultural modernization: towards resolution of some contradictions. *Agric and Human Values* 14: 303-310.
- Altieri, M.A., and C. Nichols. 1999. Classical biological control in Latin America. p. 975-991. In T.S. Bellows and T.W. Fisher (ed.) *Handbook of Biological Control*. Academic Press, San Diego.
- Amalu, U.C. 2002. Food security: sustainable food production in sub-Saharan Africa. *Outlook Agric.* 31:177-185.
- Amanor, K., K. Wellard, W. de Boef, and A. Bebbington. 1993. Genetic diversity, farmer experimentation and crop research, p. 1-13. In W. de Boef, K. Amanor, K. Wellard, and A. Bebbington (ed.) *Cultivating Knowledge*. Intermediate Technology Publications, London, UK.
- Anderson, Molly. 1990. Farming with reduced synthetic chemicals in North Carolina. *American Journal of Alternative Agriculture*. 5(2): 60-68.
- Anderson, R.A., Levy, E., and Morrison, B.M. 1991. *Rice Science and Development Politics. Research Strategies and IRRI's Technologies Confront Asian Diversity (1950-1980)*. Clarendon Press. Oxford.
- Anderson, J.R., Feder, G., and Ganguly, S. 2006. The Rise and Fall of Training and Visit (T&V) Extension: An Asian Mini-Drama with an African Epilogue. Chapter 6: 149-174, in Van den Ban, A. and Samanta, R.K. eds. 2006. *Changing Roles of Agricultural Extension in Asian Nations*. B.R. Publishing Corporation, Delhi.
- Annerstedt J. 1994. Measuring science, technology, and innovation. In Salomon J-J, Sagasti FR, Sachs-Jeantet C, eds. *The uncertain quest: science, technology, and development*. Tokyo: United Nations University Press.
- Anonymous. 1993. Cropping Without Pesticides, Trials in Economic Injury," *Agrochemicals Japan*, Vol. 62, p.27, , 1993
- ANZFA, Australia New Zealand Food Authority, 1999, "Food safety standards - costs and benefits."
- Appleton, H. (ed) (1995) *Do It Herself: Women and technical innovation*. Intermediate Technology, London. 256pp.
- Argumedo, A. and M.P. Pimbert. N2005. *Traditional Resources, Rights, and Indigenous Peoples in the Andes*. Reclaiming Diversity Series. IIED. London.
- Armitage, M.S. , C.E. Brook . 1976. The Case for Weed Control to Spearhead Improvements in Maize and Cotton Husbandry in Swaziland," *Proceedings 1976 British Crop Protection Conference*, p.165, , 1976.
- Arnold, E., and M. Bell. 2001. Some new ideas about research for development. p. 279-316. In *Partnership at the leading edge: A Danish vision for knowledge, research, and development*. Danish Ministry of Foreign Affairs, Copenhagen.
- Ascroft, J., N. Röling, Kariuki, J. & F. Wa Chege. 1973. Extension and the Forgotten Farmer. *Bulletin van de Afdelingen Sociale Wetenschappen*. No. 37. Wageningen Landbouwhogeschool.Wageningen. Ashby, J., 1986, "Methodology for the Participation of Small Farmers in the Design of On-Farm Trials", *Agricultural Administration and Extension*, Vol 22(1), pp.1-19.
- Ashby, J. 2003. Introduction: Uniting science and participation in the process of innovation - research for development. p. 1-19. In B. Pound, S. Snapp, C. McDougall, and A. Braun (ed.) *Managing natural resources for sustainable livelihoods. Uniting Science and Participation*. Asian Market Intelligence. 2002. *Planter lifestyle study in Malaysia*. Asopa, V., and G. Beye. 1997. *Management of agricultural research*. FAO, Rome.
- Aspelin, A.L. 2003. Pesticide usage in the United States: Trends during the 20<sup>th</sup> century. *CIPM Technical Bulletin 105*. Accessed at [http://www.pestmanagement.info/pesticide\\_history/index.pdf](http://www.pestmanagement.info/pesticide_history/index.pdf)
- Atanassov A. 2004 To reach the poor. Next Harvest Study on Genetically Modified Crops, Public Research, and Policy Implications. EPTD Discussion paper 116. IFPRI, Wash.DC.
- Atchoarena, D. And Gasperini, L. 2003. *Education for rural development: towards new policy responses*. A joint study conducted by FAO and UNESCO. Paris: FAO/IIEP-UNESCO.
- Atkin J., K.M. Leisinger (eds). 2000. *Safe and Effective Use of Crop Protection Products in*

- Developing Countries. Novartis Foundation for Sustainable Devel., Switzerland.  
Avery, 1992.
- Aubertot J., West J., Bousset-Vasline L., Salam M., Barbetti M., Diggle A.. 2006. Improved resistance management for durable diseases control: a case study of phoma stem canker of oilseed rape (*Brassica napus*). *European Journal of Plant Pathology* 114:91-106.
- Austin R. 1998. Yield of wheat in the UK: Recent advances and prospects. Annual Meeting of the Crop Science Society of America 1998.
- Ayalew, M., 1997. What is food security and famine and hunger. Internet Journal for African Studies. Issue No:2, March. ([www.brad.ac.uk/research/ijasno2/ayalew.html](http://www.brad.ac.uk/research/ijasno2/ayalew.html)) (1 June 2006)
- Baker, M.J. 1993. *Grasslands For Our World*. SIR Publishing. Wellington, New Zealand.
- Baker, B. et al. 1987. Self identified research needs of New York organic farmers. *American Journal of Alternative Agriculture*. 2(3): 107-113
- Baker B. P., C.M. Benbrook, E. Groth, and K. Lutz. 2002. Pesticide residues in conventional, integrated pest management (IPM)-grown and organic foods: insights from three US data sets. *Food additives & contaminants* 19: 427-446.
- Ball, J., J. Carle, and A. Del Lungo. 2005. Contribution of poplars and willows to sustainable forestry and rural development. *Unasylva* 56: 3-9.
- Barrett, S.C.H., 1983. Crop mimicry in weeds. *Economic Botany* 37, 255-282.
- Baltzersen, A. The World Bank and agricultural policy in Tanzania. p. 179-196 *In* A. Seidman, K. Chimika Na Mwanza, N. Simelane and D. Weiner (ed.) *Transforming southern African agriculture*. Africa World Press, NJ..
- Banati, D., lakner, Z. 2003 Modern Biotechnology and the Hungarian consumers. *Acta Alimentaria* 32: 5-23.
- Bank Information Center (BIC). 2006. World Bank Executive Directors Directory. [http://www.bicusa.org/bicusa/issues/misc\\_resources/92.php](http://www.bicusa.org/bicusa/issues/misc_resources/92.php). 01/06/2006.
- Balasubramanian, A.V. and Nirmala Devi, T.D. eds. 2005. *Traditional Knowledge Systems of India and Sri Lanka*. Center for Indian Knowledge Systems. Chennai.
- Barbier, M., and B. Lemery. 2000. Learning through processes of change in agriculture: a methodological framework. p. 381-393. *In* M. Cerf et al. (ed.) *Cow up a Tree: Knowing and learning for change in agriculture, case studies from industrialised countries*. INRA Editions, Paris.
- Barbottin M., Le Bail M., Jeuffroy M.H., 2005 (forthcoming). Evaluation of the Azodyn crop model for cultivar decision support. *Agronomy for Sustainable Development*.
- Barnett, A. 2004. From 'research' to poverty reducing 'innovation'. Sussex Research Associates Ltd, Brighton.
- Barth C. 1999. Krebspraven durch Ernährung. Deutsches Institut für Ernährungsforschung Potsdam-Rehbrücke. World Cancer Research Fund.
- Barsky, O. 1984. Acumulación campesina en el Ecuador: Los productores de papa del Carchi. Facultad Latinoamericana de Ciencias Sociales, Quito.
- Barzman M., and S. Desilles S. 2002. Diversifying rice-based farming systems and empowering farmers in Bangladesh using the farmer field school approach. *In* N. Uphoff (ed.) *Agroecological Innovations* Earthscan, London.
- Bayer Agrochem Courier. 1997. Special Issue on Integrated Crop Management.
- Baum, W. 1998. *Partners against hunger*: CGIAR, World Bank, Wash. D.C.
- Bawden, R.J. and R. Packam. 1993. Systems praxis in the education of the agricultural systems practitioner. Richmond (NSW): University of Western Sidney-Hawkesbury. Paper presented at the 1991 Annual Meeting of the International Society for the Systems Sciences. Östersund, Sweden. *Systems Practice* 6: 7-19
- Beal, G. M., W. Dissanayake, and S. Konoshima (ed.). 1986. *Knowledge generation, exchange and utilization*. Westview Press, Boulder.
- Beck, U., Giddens, A., and Lash, S., 1994. *Reflexive Modernization. Politics, Tradition and Aesthetics in the Modern Social Order*. Cambridge: Polity Press.
- Becher, T. and Trowler, P. R. 2001. *Academic Tribes and Territories* (2nd Ed.). Buckingham Society for Research in Higher Education and Open University.
- Bell M. 1979 The Exploitation of Indigenous Technical Knowledge or the Indigenous Exploitation of Knowledge: whose use of what for what. *IDS Bulletin* Vol 10 (2)
- Bellon, M.R. 1996. The dynamics of crop infraspecific diversity: A conceptual framework at the farmer level. *Econ. Bot.* 50: 26-39.

- 1 Bellon M.R., J.L. Pham, and M.T. Jackson. 1997. Genetic conservation: a role for rice  
2 farmers. *In* N. Maxted, B.V. Ford-Lloyd, and J.G. Hawkes (ed) *Plant Conservation: the*  
3 *In Situ* Approach. p. 263–289. Chapman & Hall, London
- 4 Bellon, M. R., et al. 2003. Participatory landrace selection for on-farm conservation: An  
5 example from the central valleys of Oaxaca, Mexico. *Gen. Res. Crop Evol.* 50: 401-  
6 416.
- 7 Benbrook, C. 2004. Genetically engineered crops and pesticide use in the United States: The  
8 first nine years. BioTech Infonet Technical Paper no.7. Accessed at  
9 [http://www.biotech-info.net/Full\\_version\\_first\\_nine.pdf](http://www.biotech-info.net/Full_version_first_nine.pdf).
- 10 Benbrook, C. 2001. Do GM crops mean less pesticides? Accessed at  
11 <http://www.mindfully.org/Pesticide/More-GMOs-Less-Pesticide.htm>
- 12 Benoit-Cattin, M.199. Ideological and institutional antecedents of the new agricultural policy,  
13 in "The political economy of Senegal under structural adjustment", edited by  
14 Christopher Delgado and Sidi Jammeh; Praeger, New-York pp 59-68
- 15 Benor, D., J.Q. Harrison, and M. Baxter. 1984. Agricultural extension: the training and visit  
16 system. The World Bank, Wash. D.C.
- 17 Bentley, J.W., 1994, "Fact, Fantasies and Failures of Farmers Participatory Research."  
18 *Agriculture and Human Values*, Vol. 11 (2 & 3), pp.140-150
- 19 Bérard L., Marchenay P., 1995 - " Tradition, regulation and intellectual property: local  
20 agricultural products and foodstuffs in France ". In *Valuing local knowledge.*  
21 *Indigenous people and intellectual property rights.* S.B. Brush and D. Stabinsky eds.  
22 Washington D.C.; Covelo, California, Island Press., pp. 230-243.
- 23 Berg, E. J., 1993. Rethinking Technical Cooperation. Reforms for Capacity Building in Africa.  
24 New York: UNDP.
- 25 Berger, P. L., and T. Luckmann. 1966. The social construction of reality: A treatise in the  
26 sociology of knowledge. Doubleday, NY.
- 27 Bern C, Hernandez B, Lopez MB, Arrowood MJ, Alvarez de Mejia M, De Merida AM,  
28 Hightower AW, Venczel L, Herwaldt BL, Klein RE, 1999, "Epidemiologic studies of  
29 *Cyclospora cayetanensis* in Guatemala." *Emerging Infectious Diseases*; 5:766-74.
- 30 Bhowmik, Prasanta C. 1999. Herbicides in Relation to Food Security and Environment: A  
31 Global Perspective. *Indian Journal of Weed Science*, Vol. 31, No.3+4, p.111
- 32 Biggs, S.D. 1978. Planning rural technologies in the context of social structures and reward  
33 systems. *Journal of Agricultural Economics*. Vol. XXIX no.3, pp. 257-274.
- 34 Biggs, S.D., 1980, "On-farm research in an integrated agricultural technology development  
35 system: a case study of triticale for the Himalayan Hills," *Agricultural Administration*,  
36 Vol.7, No.2, pp.133-145.
- 37 Biggs, S.D., 1982, Generating agricultural technology: triticale for the Himalayan Hills, *Food*  
38 *Policy*, Vol.7, No.1, pp.69-82.
- 39 Biggs, S.D., 1983, Monitoring and control in agricultural research systems: maize in Northern  
40 India, *Research Policy*, Vol.12, pp. 37-59.
- 41 Biggs, S. D., 1995, Participatory Technology Development: A Critique of the New Orthodoxy,  
42 pp. 1-10 in *Two Articles Focusing on participatory approaches.* AVOCADO Series  
43 06/95. Durban: Olive Organization Development and Training
- 44 Biggs, S. D., 1989, Resource-poor farmers participation in research: a synthesis of  
45 experiences from nine national agricultural research systems. OFCOR Comparative  
46 Study Paper 3. The Hague: ISNAR.
- 47 Biggs, S. 2006. Learning from the positive to reduce rural poverty: Institutional innovations in  
48 agricultural and natural resources research and development. *Experimental*  
49 *Agriculture*. Submitted.
- 50 Biggs, S. and J. Farrington. 1991. *Agricultural Research and the Rural Poor. A Review of*  
51 *Social Science Analysis.* IDRC. Ottawa.
- 52 Bills, P. S., D. Mota-Sanchez, and M. Whalon. 2003. Background to the resistance database  
53 [Online]. Available at [www.cips.msu.edu/resistance](http://www.cips.msu.edu/resistance) (verified 27 Feb. 2007). Michigan  
54 State University, East Lansing, Michigan.
- 55 Blandford, D., and R.N. Boisvert. 2002. Multifunctional agriculture and domestic/international  
56 policy choice. *The Estey Centre J. Int.Law Trade Pol.* 3: 106-118.
- 57 Blobaum, R. 1983. Barriers to conversion to organic farming practices in the Midwestern  
58 United States. p. 263-278. *In* Wm. Lockeretz (ed.) *Environmentally Sound Agriculture.*  
59 Praeger Publishers, New York, NY.

- 1 Blondell, J. 1997. Epidemiology of pesticide poisonings in the United States, with special  
2 reference to occupational cases. *Occupat. Med.* 12: 209-220.
- 3 Boettner G., Elkinton J., Boet C.. 2000. Effects of a biological control introduction on three  
4 non-target native species of saturnid moths. *Conservation Biology* 14. p1998-1806
- 5 Bok, D. 2003. *Universities in the marketplace*. Princeton University Press, Princeton, NJ
- 6 Bokonon-Ganta, A.H., H. de Groote, and P. Neuenschwander. 2002. Socio-economic impact  
7 of biological control of mango mealybug in Benin. *Agriculture, Ecosystems and*  
8 *Environment*. 93: 367-378. At:  
9 [http://www2.hawaii.edu/~messing/Publications/Impact%20mango%20mealybug%20bi](http://www2.hawaii.edu/~messing/Publications/Impact%20mango%20mealybug%20biocontrol.pdf)  
10 [ocontrol.pdf](http://www2.hawaii.edu/~messing/Publications/Impact%20mango%20mealybug%20biocontrol.pdf)
- 11 Bonneuil, C., Demeulenaere, E., 2007 « Une génétique de pair à pair ? L'émergence de la  
12 sélection participative », to be published in F. Charvolin, dir. "Les sciences citoyennes.  
13 Vigilance collective et rapport entre profane et scientifique dans les sciences  
14 naturalists".
- 15 Bonny, B. P., R.M. Prasad, S.S. Narayan, M. Varughese. 2005. Participatory learning,  
16 experimentation, action and dissemination (PLEAD) - A model for farmer participatory  
17 technology evolution in agriculture. *Outlook Agric.* 34: 111-115.
- 18 Borrini-Feyerband, G., M. Pimbert, M.T. Farvar, A. Kothari, and Y. Renard. 2004. Sharing  
19 power. Learning by doing in co-management of natural resources throughout the  
20 world. IIED and IUCN/CEESP/CMWG, Genesta, Teheran.
- 21 Bourdieu, P. 1980. *Le sens pratique*. Éditions de Minuit, Paris.
- 22 Bourdieu, P. 1988. *Homo Academicus*. Stanford University Press.
- 23 Borlaug, N.E. & C.R. Dowsell. 1995. Mobilising science and technology to get agriculture  
24 moving in Africa. *Development Policy Review*. 13:2, 115-29.
- 25 Boserup, E. 1970. *Women's Role in Economic Development*. Allen & Unwin, New York.
- 26 Bouwen, R. and T. Taillieu. 2004. Multi-Party Collaboration as Social Learning for  
27 Interdependence: Developing Relational Knowing for Sustainable Natural Resource  
28 Management. *Journal of Community and Applied Social Psychology* 14:137-153.
- 29 Boven, K. and J. Mordhashi (ed.). 2002. *Best practices using indigenous knowledge*.  
30 NUFFIC, The Hague and UNESCO/MOST, Paris.  
31 <http://www.unesco.org/most/Bpikpub2.pdf>. 06/12/2006.
- 32 Boyer, Ernest L. 1990. *Scholarship reconsidered: Priorities of the professorate*. Princeton, NJ:  
33 The Carnegie Foundation for the Advancement of Teaching.
- 34 Brammer, H., 2000, *Agroecological Aspects of Agricultural Research in Bangladesh*, Dhaka:  
35 University Press Ltd. (This chapter is based on: Brammer, H. 1980. "Some  
36 innovations do not wait for experts: a report on applied research by Bangladesh  
37 peasants". *CERES*, Vol 13 (2), pp. 24-28.) Braun, A. 2006. Inventory of farmer study  
38 group initiatives in Africa. A Synthesis Report. June. ENDELEA for Sida.  
39 Wageningen.
- 40 Braun, A. 2006. Inventory of farmer study group initiatives in Africa. A synthesis report.  
41 ENDELEA, Wageningen for SIDA. June.
- 42 Braun, A., J. Jiggins, N. Roling, H. van den Berg, P. Snijders. 2006. A global survey and  
43 review of farmer field school experiences. ILRI (ENDELEA), Wageningen.  
44 <http://www.infobridge.org/asp/documents/1880.pdf>. 06/12/2006
- 45 Braun, A.R., J. Jiggins, N. Röling, H. van den Berg, and P. Snijders. 2005. A Global Survey  
46 and Review of the Farmer Field Schools' Experience. ENDELEA for ILRI,  
47 Wageningen. <http://www.infobridge.org/asp/documents/1880.pdf>. 06/12/2006
- 48 Brennan, M., Pray, C., Naseem, A. and Oehmke, J.F. 2005. An Innovation Market Approach  
49 to Analyzing Impacts of Mergers and Acquisitions in the Plant Biotechnology Industry.  
50 *AgBioForum*, 8: 89-99.
- 51 Brewer, M.J., R. J. Hoard, J.N. Landis, and L.E. Elworth. 2004. The case and opportunity for  
52 public-supported financial incentives to implement integrated pest management.  
53 *Journal of Economic Entomology*. 97(6):1784.
- 54 Brewster, A., A. Chapman, S. Hansen. 2005. Facilitating humanitarian access to  
55 pharmaceutical and agricultural revolution. *Innovation Strategy Today* 1.
- 56 BRF (Federal Institute for Risk Assessment) of Germany, June 2004. "The return of the  
57 germs", Available at <<http://www.bgvv.de/cms5w/sixcms/detail.php/4217>>.
- 58 Bridges D.. 1992. *Crop Losses Due to Weeds in Canada and the United States -*  
59 *1992, Weed Science Society of America*.



- 1 Brimblecombe, Peter and Christian Pfister. 1993. *The Silent Countdown: Essays in European*
- 2 *Environmental History*. Berlin: Springer-Verlag.
- 3 British Association for the Advancement of Science. 1999. Evidence to the House of Lords
- 4 Select Committee on Science and Technology inquiry into society's relationship with
- 5 science.
- 6 Brouwer J, L. Fussell, and L. Hermann. 1993. Soil and crop growth micro-variability in the
- 7 West African semi-arid tropics: a possible risk-reducing factor for subsistence farmers.
- 8 *Agric Eco and Env.* 45:229-238
- 9 Brouwers, J.H.A.M. 1993. Rural people's response to soil fertility decline: The Adja case
- 10 (Benin).Published PhD thesis. WAU Papers 93/4. Wageningen University.
- 11 Wageningen.
- 12 Brown, A.H.D. 2000. The genetic structure of crop landraces and the challenge to conserve
- 13 them in situ on farms. p. 29–48. In S.B. Brush (ed.) *Genes in the field: On-farm*
- 14 *conservation of crop diversity*. International Development Research Center and Plant
- 15 *Genetic Resources Institute*. Lewis Publishers, U.S.A.
- 16 Brown I. 2004. Annual Review of the Pesticides Residue Committee 2004. York UK
- 17 Brush S., 1991. A farmer-based approach to conserving crop germplasm. *Econ. Bot.* 45: 153-
- 18 165.
- 19 Brush, S. B. (ed.) 2000. *Genes in the field: Conserving plant diversity on farms*. Lewis
- 20 Publishers.Boca Raton, FL.
- 21 Brush, S.B. 2003. The demise of 'common heritage' and protection for traditional agricultural
- 22 knowledge. In Conference on Biodiversity, Biotechnology and the Protection of
- 23 Traditional Knowledge, April 4-6, 2003, Washington Univ., St. Louis,
- 24 <http://law.wustl.edu/centeris/Confpapers/PDFWrdDoc/StLouis1.pdf>
- 25 Brush, S.B. 2005. Farmer's rights and protection of traditional agricultural knowledge. CAPRI
- 26 Working Paper NO. 36. <http://www.capri.cgiar.org>
- 27 Busch, L, R. Allison, C. Harris, A. Rudy, B. T. Shaw, T.Ten Eyck, D. Coppin, J. Konefal, C.
- 28 Oliver, and J. Fairweather. 2004. External Review of the Collaborative Research
- 29 Agreement between Novartis Agricultural Discovery Institute, Inc. and The Regents of
- 30 the University of California. East Lansing, MI: Institute for Food and Agricultural
- 31 Standards, Michigan State University.
- 32 Bunch, R. 1982. *Two ears of corn: a guide to people-centered agricultural improvement*.
- 33 *World Neighbors*, Oklahoma City.
- 34 Bunch, R. & Lopez, G.V. 1994. Soil recuperation in Central America: measuring the impact
- 35 four and forty years after intervention. Paper to IIED Conference New Horizons: The
- 36 Social, Economic and Environmental Impacts of Participatory Watershed
- 37 Development. November. Bangalore, India.
- 38 Bunders, J., 2001, Utilization of technological research for resource-poor farmers: the need
- 39 for an interactive innovation process. Pp. 27-37 in *Utilization of research for*
- 40 *Development Cooperation: Linking Knowledge Production to development policy and*
- 41 *Practice*. Publication No 21. Netherlands Development Assistance Research Council
- 42 (RAWOO), The Hague
- 43 Butler, L., and B. Marion, 1985. The impacts of plant protection on the US seed industry and
- 44 public plant breeding. N. Central Res. Pub. 305, North Central Project 117, Mono. 16.
- 45 Univ. Wisconsin. Madison, WI.
- 46 Buvinic, M. and R. Mehra. 1990. Women and agricultural development. p. 290-308.
- 47 In C.K. Eicher and J.M. Staatz (ed) *Agricultural development in the third world*.
- 48 The Johns Hopkins University Press, London.
- 49 Byerlee, D., 1992. Technical Change, productivity, and sustainability in
- 50 irrigated cropping systems of South Asia: emerging issues in the Post -
- 51 Green Revolution Era. *Journal of International Development*, Vol. 4 (5),
- 52 pp. 477-496
- 53 Byerlee, D. and Gary E. Alex 1998. Strengthening national agricultural research systems,
- 54 policy issues and good practice. WORLD BANK,
- 55 Byerlee, D., and K. Fischer. 2001. Accessing modern science: Policy and institutional options
- 56 for agricultural biotechnology in developing countries. *BioDevelopments–Int. Inst. Inc*,
- 57 Cornell, Ithaca, NY (IP Strategy Today, no. 1-2001).
- 58 Cahill, C. 2001. The multifunctionality of agriculture: What does it mean? *EuroChoices*. Spring
- 59 Issue: 36-41.

- 1 Calegari, A., Ashburner, J., Fowler, R. 2005. Conservation Agriculture in Africa. FAO Regional  
2 Office for Africa. Accra, Ghana.
- 3 Callon, M., 1986. "Some Elements of a Sociology of Translation: Domestication of the  
4 Scallops and the Fishermen of St Brieuc Bay." Pp. 196-233 in Power, Action and  
5 Belief: A New Sociology of Knowledge, edited by John Law. London: Routledge &  
6 Kegan Paul.
- 7 Callon, M., 2004. Economy of Qualities, Researchers in the Wild and the Rise of Technical  
8 Democracy: <http://www.sfu.ca/~scolr/PDF-READINGS/callon.htm>
- 9 Calvora, R. G. 1988. Science in its confrontation with society. *Impact of Science on Society*,  
10 38 (151): 231-238. Carson, R. 1962. *Silent Spring*. Houghton Mifflin, Boston.
- 11 Carsky, R. J. 2003. Response of cowpea and soybean to P and K on terre de barre soils in  
12 southern Benin. *Agric. Ecosys. Environ.* 100: 241-249.
- 13 Carson R., 1962. *Silent Spring*. Pub. [Houghton Mifflin](#)
- 14 Castellanet, C., J. Hébert, and M. Henchen. 2000. Os níveis pertinentes para a pesquisa-  
15 ação sobre a gestão dos recursos naturais nas regiões de fronteira: o caso da  
16 Transamazônica. In *Agricultura Familiar: pesquisa, formação e desenvolvimento*.
- 17 Castells, M. 1993. The university system: engine of development in the new world economy.  
18 In A. Ransom. S.-M. Khoo, and V. Selvaratnam (ed.) *Improving higher education in*  
19 *developing countries*. Econ. Develop. Institute Seminar Series. World Bank, Wash.  
20 D.C.
- 21 Castro-Guiterrez, N., et al. 1998. Respiratory symptoms, spirometry and chronic occupational  
22 paraquat exposure. *Scandinavian J. Work Environ. Health* 23: 421-427.
- 23 Cattaneo M, Yafuso C, Schmidt C, Huang C, Rahman M, Olson C, Ellers-Kirk C, Orr, B,  
24 Marsh S, Antilla L, Dutilleil P, Carriere Y.. 2006. Farm Scale evaluation of the impacts  
25 of transgenic cotton on biodiversity, pesticide use, and yield. *PNAS*:103(20):7571-  
26 7576
- 27 CBD, 1994. Convention on Biological Diversity, UNEP/CBD/94/1, Secretariat of the  
28 Convention on Biological Diversity, World Trade Centre, 393 St. Jacques Street, Office  
29 300, Montreal, Que., Canada H2Y 1N9.
- 30 CDC (U.S. Centers for Disease Control and Prevention), 11 October 2005  
31 <<http://www.cdc.gov/ncidod/dbmd/diseaseinfo/foodirradiation.htm>>; U.S. Food and  
32 Drug Administration (FDA), Food Irradiation: A Safe Measure,  
33 <<http://www.fda.gov/opacom/catalog/irradbro.html>>.
- 34 CDCP Centers for Disease Control and Prevention , 1982 "International Notes Follow-Up on  
35 Epidemic Pneumonia with Progression to Neuromuscular Illness – Spain", *Morbidity*  
36 *and Mortality Weekly Report (MMWR)*, March 05, 1982 / 31(8):93-5. Available at  
37 <http://www.ers.usda.gov/Briefing/FoodborneDisease/overview.htm>
- 38 Ceccarelli, S., Grando, S., Bailey, E., Amri, A., El-Felah, M., Nassif, F., Rezgui, S., and  
39 Yahyaoui, A. 2001. Farmer participation in barley breeding in Syria, Morocco and  
40 Tunisia. *Euphytica* 122: 521-536.
- 41 Ceccarelli, S., et al. 2000. A methodological study on participatory barley breeding I. Selection  
42 phase. *Euphytica* 111: 91-104.
- 43 Ceccarelli, S., Cleveland, D.A., Soleri, D. 2002; *Farmers, Scientists, and Plant Breeding*.  
44 Integrating knowledge and practice. University of California Press. Santa Barbara,  
45 U.S.A.
- 46 Ceccarelli, S., et al. 2003. A methodological study on participatory barley breeding II.  
47 Response to selection. *Euphytica* 133: 185–200.
- 48 Center for Agricultural Partnerships. 2005. Limited Access: How a Lack of Conservation  
49 Planning and Technical Assistance Is Limiting the Ability of Small Farmers and  
50 Specialty Crop Producers to Participate in Federal Conservation Programs [Online].  
51 Available at <http://www.agcenter.org/CAPWhitePaper.pdf> (updated Dec 2005, verified  
52 27 Feb. 2007). Center for Agricultural Partnerships, Asheville, NC.
- 53 Center for American Progress (CAP) and OMB Watch. 2004. Special Interest Takeover: the  
54 Bush Administration and the Dismantling of Public Safeguards [Online]. Available at  
55 <http://www.sensible safeguards.org/pdfs/finalreport.pdf> (verified 27 Feb 2007). CAP  
56 and OMB Watch, Washington, DC.
- 57 Cernea, M. M., Kassam, A., eds. 2006 *Researching the Culture of Agri-Culture: Social*  
58 *Science Research for International Development*. Oxfordshire, UK, and Cambridge,  
59 MA: CABI.
- 60 CGIAR. 2003. Annual Report. Washington DC

- 1 CGIAR Challenge Programs Task Force. 2001. Designing and Implementing Challenge
- 2 Programmes. Report to the CGIAR Interim Executive Council. August 30, 2001.
- 3 CGIAR Science Council. 2004. Assessment of Challenge Programme proposal: Improving
- 4 livelihoods and natural resources management in sub-Saharan Africa: Securing the
- 5 Future for Africa's Children.
- 6 Chambers, R., 1981, "Rapid rural appraisal: rationale and repertoire," Public Administration
- 7 and Development, Vol. 1, pp 95-106
- 8 Chambers, R. and Ghildyal, B.P., 1985, Agricultural research for resource-poor-farmers; the
- 9 farmer-first-and-last model, Agricultural Administration, Vol.20, pp 1-30.
- 10 Chambers R., and Howes M., (1979) "Rural Development: whose knowledge counts?" IDS
- 11 Bulletin Vol 10 (2)
- 12 Chambers, R., and J. Jiggins. 1986. Agricultural research for resource-poor farmers: A
- 13 parsimonious paradigm. IDS Discussion Paper 220. Institute of Development Studies,
- 14 Brighton (Sussex).
- 15 Chambers, R. and B.P. Ghildyal. 1985. Agricultural research for resource-poor farmers: the
- 16 farmer-first-and-last model. Agric. Admin. Ext. 20:1–30.
- 17 Chaturvedi, S. 2006. Agricultural biotechnology and trends in IPR regime: Emerging
- 18 Challenges before Developing Countries. CIPP
- 19 Chauhan, K.P.S., M. G. Joshi and others, 1980, Operational Research Project on Triticale at
- 20 Pantnager: Final Report, September 1, 1975 to 31 December, 1979. GB Pant
- 21 University of Agriculture and Technology, Directorate of Experimental Station,
- 22 Pantnager, Nainital, India.
- 23 Chema, S., E. Gilbert and J. Roseboom. 2003. A Review of Key Issues and Recent
- 24 Experiences in Reforming Agricultural Research in Africa. Research Report 24.
- 25 ISNAR. The Hague.
- 26 Chenkin A. 1975. Economics of Plant Protection in the Russian Federated Republic. VIII
- 27 International Congress of Plant Protection. Papers at Sessions. Moscow USSR 2
- 28 p27..
- 29 Chiffolleau, Y., and F. Dreyfus. 2004. Cognitive styles and networks patterns: a combined
- 30 approach of learning processes in sustainable agriculture. 6th IFSA European
- 31 Symposium on Farming and Rural Systems Research and Extension "European
- 32 farming and society in search of a new social contract, learning to manage change",
- 33 April 3-8, Vila Real, Portugal.
- 34 Chiwona-Karlton, L. 2001. A Reason to be Bitter. Cassava Classification for the Farmers'
- 35 Perspective. Published PhD thesis. Karolinska Institutet. Stockholm.
- 36 Chopra, M. Food security, rural development and health equity in Southern Africa. Regional
- 37 Network for Equity in Health in Southern Africa. Equinet Discussion paper No. 22,
- 38 December, 2004
- 39 Christopolos, I., J. Farrington, and A.D.Kidd. 2000. Extension, Poverty and Vulnerability:
- 40 Inception Report of the study for the Neuchatel Initiative. Working Paper 144. ODI.
- 41 London.
- 42 Christou P. and Twyman R. 2004. Nutrition Research Reviews 17:23-42.
- 43 Chulze S., Fuseno S., Dalcero A., Etcheverry M, and Varsavskye E.. 1987. Aflatoxins in
- 44 sunflower seeds: effect of zinc in aflatoxin production by two strains of *Aspergillus*
- 45 *pcirasicus*. Mycopathologia. 99. 91 -94.
- 46 CIAT, 2001, An Exchange of Experiences from South and South East Asia. (Proceedings of
- 47 the International Symposium on Participatory Plant Breeding and Participatory Plant
- 48 Genetic Resource Enhancement. May 1 – 5, 2000, Pokhara, Nepal). Published by the
- 49 Coordination Office, Participatory Research and Gender Analysis, International Center
- 50 for Tropical Agriculture (ICTA). Cali, Colombia. (ISBN 958 694 040-3)
- 51 CIMMYT (International Maize and Wheat Improvement Center). 2001 'People and
- 52 partnerships to build sustainable livelihoods: medium-term plan of the International
- 53 Maize and Wheat Improvement Center) (CIMMYT), 2002-2004 CIMMYT Mexico.
- 54 CIMMYT (International Maize and Wheat Improvement Center). 2002. 'New maize varieties
- 55 offers economic lifeline for poor farmers' CIMMYT, Mexico.
- 56 CIPP. 2004. Agricultural Biotechnology and Intellectual Property: A New Framework. A
- 57 Workshop Report, June, Centre for Intellectual Property Policy, Canada.
- 58 CIPR. 2001 Integrating Intellectual Property Rights and Development Policy. Commission
- 59 on Intellectual Property Rights. DFID: London



- 1 CIPR. 2002. Integrating Intellectual Property Rights and Development Policy, Commission on  
2 Intellectual Property Rights. London: CIPR.
- 3 Clapp, J. 1997. Adjustment and Agriculture in Africa: Farmers, the State and the World Bank  
4 in Guinea. St Martin's Press, New York
- 5 Clapp, J. 1997. Adjustment and Agriculture in Africa: Farmers, the State and the World Bank  
6 in Guinea. St Martin's Press, New York.
- 7 Clark, B. 1998. Creating entrepreneurial universities: organizational pathways of  
8 transformation. Pergamon Press, New York.
- 9 Clark, B. R. 1995. Places of Inquiry: Research and Advanced Education in Modern  
10 Universities. Univ. California Press, Berkeley
- 11 Clark, B. R. 1983. The Higher Education System. Academic Organization in Cross-National  
12 Perspective. Berkeley: University of California PressClark, B. R. 1995. Places of  
13 Inquiry: Research and Advanced Education in Modern Universities. Univ. California  
14 Press, Berkeley.
- 15 Clark, C.S., 2001 Food aid in WTO Agricultural Trade Policy Canadian Foodgrains Bank  
16 [http://www.globalsubsidies.org/private/modules/knowledgebox/io/file.php?entry=37&file](http://www.globalsubsidies.org/private/modules/knowledgebox/io/file.php?entry=37&fileid=32)  
17 [id=32](http://www.globalsubsidies.org/private/modules/knowledgebox/io/file.php?entry=37&fileid=32)
- 18 Clark, N., Reddy, P., & Hall, A., 2006. Client-Driven Biotechnology Research for Poor  
19 Farmers: A Case Study from India. Paper prepared for the workshop on Governing  
20 Technology for Development: From Theory to Practice and Back Again. Organised by  
21 the Open University, March 31st –April 1st, 2006. (JID forthcoming)Clapp, J. 1997.  
22 Adjustment and Agriculture in Africa: Farmers, the State and the World Bank in  
23 Guinea. St Martin's Press, New York.
- 24 Cleaver, F., 2001, Institutions, Agency and the Limitations of Participatory Approaches to  
25 Development, pp. in 36-55 in Cooke, B. and U. Kothari, eds., 2001, Participation: The  
26 New Tyranny. Zed Books.
- 27 Cleveland, D.A., D. Soleri, and S.E. Smith. 1994. Do folk crop varieties have a role in  
28 sustainable agriculture? Incorporating folk varieties into the development of locally  
29 based agriculture may be the best approach. Bioscience 44: 740-751.
- 30 Cleveland, D.A. and Soleri, D. 2002. Farmers, scientists and plant breeding: Integrating  
31 knowledge and practice. CABI Publishing, New York, NY, USA.
- 32 Clive, J. 1999. Global Styatus of Commercialized Transgenic Crops. ISAAA Briefs No. 21-  
33 2000. (Available at <http://www.isaaa.org/briefs>)
- 34 Clover, J., 2003. Food Security in Sub-Saharan Africa. African Security Review 12(1): p 5-15:  
35 CNN.com 2002, "Death sentence over Chinese poisonings", 30 September Available at  
36 <<http://www.cnn.com/2002/WORLD/asiapcf/east/09/30/china.poison>>.
- 37 Cochrane, W. W. 1958. Farm prices, myth and reality. p. 85-107. Univ. of Minn. Press,  
38 Minneapolis.
- 39 Codex Alimentarius Commission 2003. Report of the Twenty-Sixth Session. FAO: Rome,  
40 Available at [http://www.codexalimentarius.net/web/session\\_26.jsp](http://www.codexalimentarius.net/web/session_26.jsp)
- 41 Cohen, J. 2005. Poorer nations turn to publicly developed GM Crops. Nature Biotech 23:27-  
42 33
- 43 Cohen J. 2003 'The Governance by and of NGOs'. In NGOs, Democratisation and the  
44 Regulatory State". European Policy Forum
- 45 Cole D. C., Carpio F., Julian J. and Leon N. 1997a. Dermatitis in Ecuadorian farm workers.  
46 Contact Dermatitis. Environ. Occupat. Derm. 37 : 1-8.
- 47 Cole, D.C. et al. 1997b. Neurobehavioral outcomes among farm and non-farm Ecuadorians.  
48 Neurotoxicol Teratology 19: 277-286.
- 49 Cole, D.C. et al. 1998a. Assessment of peripheral nerve function in an Ecuadorean rural  
50 population exposed to pesticides. J. Tox. Environ. Health 55: 77-91.
- 51 Cole, D.C. et al. 2000. Economic burden of illness from pesticide poisonings in highland  
52 Ecuador. Pan Amer. Rev. Public Health 8: 196-201
- 53 COLEACP. 2003. Harmonization of regulations: ICDCS, an example to be followed. PIP Info.  
54 No. 11, January. [http://www.coleacp.org/fo\\_internet/en/pesticides/breves/infopip.html](http://www.coleacp.org/fo_internet/en/pesticides/breves/infopip.html)
- 55 Collinson, M. (ed.). 2000. A history of farming systems research. Rome, FAO, and  
56 Wallingford, CABI Publishing.
- 57 Combs, G.F., Welch, R.M. Jr., Duxbury, J.M., Uphoff, N.T. & Mesheim, M.C., eds. 1996.  
58 *Food-based approaches to prevent micronutrient malnutrition: an international*  
59 *research agenda*. Summary report of an international workshop. Ithaca, NY, USA,  
60 Cornell International Institute for Food, Agriculture and Development (CIIFAD)

- Conner, A.J., T.R. Glare, and J.P. Nap. 2003. The release of genetically modified crops into the environment. Part II. Overview of ecological risk assessment. *Plant J.* 33: 19-46.
- Conway, G., 2000. *Crop biotechnology: Benefits, risks and ownership*. Rockefeller Foundation, New York (Foundation News 03062000).
- Cooke, B. and U. Kothari, eds., 2001, *Participation: The New Tyranny*. Zed Books.
- Cooper J & Dobson H. *Pesticides and Humanity: The benefits of using pesticides*. Natural Resources Institute, University of Greenwich.
- Cornell Cooperative Extension. 2000. GE and Pesticide Use. Public Issues Education Project, Cornell Cooperative Extension. Accessed at <http://www.gepie.cornell.edu/issues/pesticide.html>
- Coutts, J. R., K. Roberts, F. Frost, and A. Coutts. 2005. The role of extension in building capacity - what works, and why. Report No. r05/094, Rural Industries Res. and Develop. Corp., Canberra. <http://www.rirdc.gov.au/reports/HCC/05-094.pdf>. 06/12/2006.
- Cox, G.W. and M.D. Atkins. 1979. *Agricultural Ecology*. San Francisco: W.H. Freeman and Sons.
- Crissman, C. C., J.M. Antle, and S.M. Capalbo (ed.). 1998. *Economic, environmental and health tradeoffs in agriculture: Pesticides and the sustainability of Andean potato production*. CIP, Lima, Peru, and Academic Publishers, Dordrecht.
- CropLife. 2006. *Creating Opportunities for Sustainable Development*. CropLife International, Brussels, Belgium.
- CropLife 2005a. *Conservation Technologies and the Plant Science Industry. Managing Natural Resources Sustainably*.
- CropLife. 2005b. *Crop Protection Stewardship Activities of the Plant Science Industry. A Stocktaking Report*.
- CropLife. 2003. *Integrated Pest Management – the way forward for the plant science industry* [Online]. Available at [http://www.croplife.org/library/attachments/2312df21-ae73-4921-a54e-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) (verified 27 Feb. 2007). CropLife International, Brussels, Belgium.
- Crozier, M., and Friedberg, E., 1980. *Actors & Systems, the politics of Collective Action*, Chicago, Chicago University Press.
- CSPI, 2005. The Center for Science in the Public Interest, June 2005. 'Food Safety Around the World', [http://www.elika.net/pub\\_articulos\\_i.asp?tipo=&articulo=137#abajo](http://www.elika.net/pub_articulos_i.asp?tipo=&articulo=137#abajo)
- Dalvie, M.A. et al. 1999. Long-term respiratory health effects of the herbicide, paraquat, among workers in the Western Cape. *Occupational and Environmental Medicine* 56(6), 391-396
- Danaher, K. (ed.). 1994. *Fifty years is enough: the case against the World Bank and the IMF*. Southend Press, Boston, MA.
- DANIDA. 2003. Did you take your poison today? A report by the IPM DANIDA project. Thailand Dept of Agriculture: Bangkok, Thailand. 35 p. Available at <http://www.ipmthailand.org>
- Daniels, J.L. et al. 1997. Pesticides and childhood cancers. *Environmental Health Perspectives* 105: 1068-1077
- Darré, J.-P. 1985. *La parole et la technique: L'univers de pensée des éleveurs du Ternois*. Editions L'Harmattan, Paris.
- Das S, and R. Laub. 2005. Understanding links between gendered local knowledge of agrobiodiversity and food security in Tanzania. *Mountain Res. Develop.* 25: 218-222.
- David, C. and Otsuka, K. (ed.). 1994. *Modern rice technology and income distribution in Asia*. L. Rienner Publishers, London.
- Dayanatha J, Chand R. 1999. National Centre for Agricultural Economies and Policy Research (ICAR), New Delhi, India. *Agrochemicals News in Brief Special Issue*, November 1999.
- Debach, P. 1974. *Biological Control by Natural Enemies*. Univ. Press, Cambridge, UK.
- Defoer, T. 2002. Social learning for integrated soil fertility management in sub-Saharan Africa. In C. Leeuwis and R. Pyburn. Eds. *Wheelbarrows Full of Frogs. Social learning in rural resource management*. Koninklijke van Gorcum. Assen, The Netherlands. pp147-166
- Delta Farm Press, 2005. No quick cures for glyphosate-resistant weeds. <http://deltafarmpress.com/news/050927-glyphosate-resistant/>

- 1 De Groote, H., O. Ajuonua, S. Attignona, R. Djessoub, and P. Neuenschwander. 2003.
- 2 Economic impact of biological control of water hyacinth in Southern Benin. *Ecological*
- 3 *Economics*. 45(1): 105-117.
- 4 Delanty, G. 2001. *Challenging Knowledge. The University in the Knowledge Society*.
- 5 Buckingham: The Society for Research into Higher Education and Open University
- 6 Press.
- 7 Delfosse E.. 1985. *Ed Agriculture Canada* p203-225.
- 8 Delta Farm Press. 2005. No Quick Cures for Glyphosate-resistant Weeds [Online]. Available
- 9 at <http://deltafarmpress.com/news/050927-glyphosate-resistant/> (verified 27 Feb.
- 10 2007). Delta Farm Press, Clarksdale, MS.
- 11 Dent, D. 2005. Overview of agrobiologicals and alternatives to synthetic pesticides. In J.
- 12 Pretty (ed.) *The pesticide detox: towards a more sustainable agriculture*. Earthscan,
- 13 Sterling, London.
- 14 Dent, J.B. and M.J.McGregor. eds. 1994. *Rural and Farming Systems Analysis*. CAB
- 15 International. Wallingford. U.K.
- 16 De Vries, B. 2000. Multifunctional agriculture in the international context: A review. The land
- 17 stewardship project.
- 18 DFID. 2005. Growth and poverty reduction: the role of agriculture. DFID, England, December
- 19 2005. Available at <http://www.dfid.gov.uk/pubs/files/growth-poverty-agriculture.pdf>
- 20 DHC, 2001 (Department of Health Compensation scheme for variant CJD victims announced,
- 21 London, October 1),, Press release 2001/0457. Available at
- 22 <[http://www.dh.gov.uk/PublicationsAndStatistics/PressReleases/](http://www.dh.gov.uk/PublicationsAndStatistics/PressReleases/PressReleasesNotices/fs/en?CONTENT_ID=4010884&chk=8kn19I)
- 23 [PressReleasesNotices/fs/en?CONTENT\\_ID=4010884&chk=8kn19I](http://www.dh.gov.uk/PublicationsAndStatistics/PressReleases/PressReleasesNotices/fs/en?CONTENT_ID=4010884&chk=8kn19I)>.
- 24 Diamond, Jared. 1999. *Guns, germs, steel*. W. W. Norton.
- 25 Diarra, M., Monimart, M. 2006. Landless women, hopeless women? Gender, land and
- 26 decentralisation in Niger. Issue paper no. 143. IIED. London. 50 pp
- 27 Dilts, R. 1999. Facilitating the emergence of local institutions: Reflections from the experience
- 28 of the Community IPM Program in Indonesia. p. 50-65. Report of the APO Study
- 29 meeting on the role of institutions in rural community development. 21-29 September
- 30 1998, Colombo.
- 31 Dinham, B. 2005. Corporations and pesticides, p. 55-69. In J. Pretty, (ed.). *Pesticide detox:*
- 32 *towards a more sustainable agriculture*. Earthscan: London, Sterling.
- 33 Dinham, B. 1995. 10 years of FAO Code fails to reduce hazard problems. *Pesticide News*
- 34 No. 28. Available at <http://www.pan-uk.org/pestnews/pn28/pn28p6b.htm>
- 35 Directive 1999/2/EC of the European Parliament and of the Council of 22 February 1999 on
- 36 the approximation of the laws of the Member States concerning foods and food
- 37 ingredients treated with ionising radiation. Official Journal of the European
- 38 Communities L 066, 13 March 1999, pp. 0016-0023
- 39 Dixon, J., Gulliver, A., Gibbon, D., 2001. *Farming Systems and Poverty: Improving Farmers'*
- 40 *Livelihoods in a Changing World*. FAO, Rome.
- 41 Documentation of the Iraq study are contained in the following journal articles: [Marsh, Arch.
- 42 Neurol, 1017-1022, 1987], [Cox, Environ.Res. 31, 640-649, 1989], [Cox,
- 43 Neurotoxicology 16, 727-730, 1995]
- 44 Dolan C., Humphrey J. and Harris-Pascal C. 1999. Horticulture commodity chains: the impact
- 45 of the UK market on the African fresh vegetable industry. IDS Working paper no. 96,
- 46 Institute of Developmental Studies, University of Sussex, Brighton, 39pp.
- 47 Dollacker, A. 2000. *Implementing Sustainable Agriculture: Practical Approaches to IPM*.
- 48 *Pflanzenschutz-Nachrichten Bayer* 53 (2-3):198.
- 49 Döller PC, Dietrich K, Fillip N, Brockmann S, Dreweck C, Vontheim R, Wagner-Wiening C,
- 50 Wiedenmann A, 2002, "Cyclosporiasis outbreak in Germany associated with the
- 51 consumption of salad", *Emerging Infectious Diseases*; 8(9): 992-994.
- 52 Dörner, D. 1996. *The Logic of Failure: recognising and avoiding error in complex situations*.
- 53 Addison-Wesley. Reading (MA). (Originally published in 1989 in German as *Die Logik*
- 54 *des Misslingens*, by Rowholt Verlag GMBH
- 55 Dorward, Kydd, and Poulton. 1998. *Smallholder Cash Crop Production under Market*
- 56 *Liberalisation: A New Institutional Economics Perspective*. CAB International.
- 57 Wallingford, U.K.
- 58 Doult, R.L. and J. Nakata, 1973. The *Rubus* leafhopper and its egg parasitoid: An endemic
- 59 biotic system useful in grape pest management. *Envir Entom*. 2: 381-386.

- Dreyer, H., G. Fleischer, W. Gassert, H. Stoetzer, J.P. Deguine, N. La Porta, and J. Kiss. 2005. IPM Europe: The European Network for Integrated Pest Management in Development Cooperation. Proc. EFARD 2005 Conference, Zurich, Switzerland. Agricultural Research for Development: European Responses to Changing Global Needs.
- Dubcovsky, J. 2004. Marker-assisted selection in public breeding programs: The wheat experience. *Crop Sci.* 44:1893-1919.
- Dupré L., 2006. Heritage Production : Between Naturalization and Excessive Historicity in Biodiversity and Local Ecological Knowledge in France, CIRAD, IDDRI, IFB, INRA eds. 197-207.
- Ebner L. 1982. Considerations on Appropriate Weed Control Concepts for Developing Economies in the Tropics. Proc. Int. Conf. Plant. Protection in Tropics. Pages 465-473
- EC (European Commission), 2006 Monitoring of pesticide residues in products of plant origin in the EU, Norway, Iceland and Lichtenstein, results available at [http://ec.europa.eu/food/fvo/specialreports/pesticides\\_index\\_en.htm](http://ec.europa.eu/food/fvo/specialreports/pesticides_index_en.htm)
- Echeverría, R. G. 1998. Agricultural research policy issues in Latin America: An overview. *World Development* (Oxford) 26: 1103-1111.
- Economic Commission for Africa (ECA). 1992. Study on the Role of the Informal Sector in African Economies. E/ECA/PSD.7/13. 7th Session of the Joint Conference of African Planners, Statisticians and Demographers, 2-7 March, Addis Ababa, Ethiopia.
- Edgerton, D. 2007. The Shock of the Old: Technology and global history since 1900. Oxford University Press. Oxford. 288pp
- Edquist, C. (ed.). 1997. Systems of innovation: technologies, institutions and organizations. Pinter, London.
- Education for Rural People. ????.  
<http://education.acra.it/modules/wfsection/article.php?articleid=36>
- Ekpere, J.A. 2002. The OAU Model Law for the Protection of the Rights of Local Communities, Farmers and Breeders and the Regulation of Access to Biological Resources. Paper presented to the Multi-Stakeholders Dialogue on Trade, Intellectual Property and Biological Resources in West and Central Africa; Dakar, Senegal, July 30 – 31, 2002. <http://www.ictsd.org/dlogue/2002-07-30/docs/EKPERE1.pdf>
- Ellen, R., P. Parkes, and A. Bicker (eds.). 2000. Indigenous Environmental Knowledge and its Transformations. Harwood Academic Publishers, Amsterdam.
- Ellis, W. 2000. A new Paradigm for Industry [Online]. Available at [http://www.croplifeasia.org/ref\\_library/ipm/ipmParadigm.pdf](http://www.croplifeasia.org/ref_library/ipm/ipmParadigm.pdf) (verified 27 Feb 2007). Asia-Pacific Crop Protection Association, Bangkok, Thailand.
- Ellul, J. 1954. La technique ou l'enjeu du siècle, Paris, Armand Colin, collection Sciences politiques, English version : The technological society. New York: Vintage Books.
- Engel, P.G.H. and M. Salomon. 1997. Facilitating Innovation for Development. A RAAKS Resource Box. KIT. Amsterdam.Environmental Justice Foundation. 2002. Death in small doses: Cambodia's pesticide problems and solutions. Environmental Justice Foundation: London, UK.
- Environmental Justice Foundation (EJF). 2002. Death in Small Doses: Cambodia's Pesticides Problems and Solutions. Environmental Justice Foundation, London, UK.
- Esilaba, A. O. 2005. On farm testing of integrated nutrient management strategies in eastern Uganda. *Agric. Sys.* 86: 144-165.
- ETC. 2005. Action Group on Erosion, Technology, and Concentration, Global Seed Industry Concentration Communique: 90. September/October 2005
- Etzkowitz, H. 2003. "Innovation in innovation: the triple helix of university-industry-government relations." *Social Sci Inform.* 42:293-337.
- Etzkowitz, H., and L. Leydesdorff. 1997. Universities and the Global Knowledge Economy: A Triple Helix of University-Industry-Government Relations. New York: Pinter
- European Commission. 2001. Europeans, Science and Technology. Standard Eurobarometer. [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)
- European Commission. 14-15 April 2003. Opinion of the Scientific Committee on Veterinary Measures relating to Public Health on Salmonellae in Foodstuffs. (Available at [http://europa.eu.int/comm/food/fs/sc/scv/out66\\_en.pdf](http://europa.eu.int/comm/food/fs/sc/scv/out66_en.pdf)) European Commission. 2005. Social values, science and technology. Special Eurobarometer. [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)
- Eveleens, K. 2004. The History of IPM in Asia. FAO, Rome.

- 1 Evenson, R. E. 1986. The economics of extension. In: Investing in Rural Extension. Jones, G.  
2 E. (Ed.) Elsevier Applied Science, London, pp. 65-90.
- 3 Evenson R E and Gollin D 2003a. Assessing the Impact of the Green Revolution 1960 to  
4 2000) Science 300:758-762
- 5 Evenson R E and Gollin D. 2003b. Eds. Crop Variety Improvement and its effects on  
6 productivity: the impact of international agricultural research. CAB International,  
7 Wallingford, UK.
- 8 EVIRA (The Finnish Food Safety Authority ), 2006 [www.evira.fi/portal/en/food/](http://www.evira.fi/portal/en/food/) - 11k 17.11
- 9 Fairhead, J. & M. Leach. 1996. Misreading the African Landscape. Society and ecology in a  
10 forest-savanna mosaic. Cambridge University Press. Cambridge.
- 11 Falcon, W. and R. Naylor. 2005. Rethinking food security for the 21st century. Amer. J. Agric.  
12 Econ. 87: 113-1127.
- 13 Falcon, W.P., and C. Fowler. 2002. Carving up the commons: emergence of a new  
14 international regime for germplasm development and transfer. Food Policy 27: 197–  
15 222.
- 16 Fan, S., Hazell, P. and Thorat, S. 1998. Government Spending, Growth and Poverty: an  
17 Analysis of Interlinkages in Rural India. EPTD Discussion Paper N°33, Environment  
18 and Production Technology Division, Washington D.C.: International Food Policy  
19 Research Institute. 87 p. <http://www.ifpri.org/divs/eptd/dp/papers/eptdp33.pdf>
- 20 FAO. 1948. The State of Food and Agriculture.
- 21 FAO 1983a. Director-General's Report on World Food Security: A Reappraisal of the  
22 Concepts and Approaches
- 23 FAO 1983b. Approaches to World Food Security, Economic and Social Development Paper  
24 No.32. FAO, Rome
- 25 FAO 1983c. Progress in Implementation of the Plan of Action to Strengthen World Food  
26 Security. C/83/29. FAO, Rome
- 27 FAO. 1992. Integrating diet quality and food safety into food security programmes, by M.F.  
28 Zeitlin & L. V. Brown. Nutrition Consultants' Reports Series No. 91. Rome.
- 29 FAO. 1995a. Prevention of accumulation of obsolete pesticide stockpiles: Provisional  
30 guidelines. FAO, Rome. <http://www.fao.org/docrep/V7460E/V7460e01.htm>
- 31 FAO. 1995b. Prevention and disposal of obsolete pesticides. FAO, Rome.  
32 [http://www.fao.org/ag/AGP/AGPP/Pesticid/Disposal/index\\_en.htm](http://www.fao.org/ag/AGP/AGPP/Pesticid/Disposal/index_en.htm)
- 33 FAO. 1995c. Provisional guidelines and meeting reports. FAO, Rome.  
34 [http://www.fao.org/WAICENT/FAOINFO/AGRICULT/AGP/AGPP/Pesticid/Disposal/index\\_en.htm](http://www.fao.org/WAICENT/FAOINFO/AGRICULT/AGP/AGPP/Pesticid/Disposal/index_en.htm).
- 35
- 36 FAO. 1995d. Dimensions of need: an atlas of food and agriculture. FAO, Rome.
- 37 FAO, 1995e. Review of the Implementation of the International Code of Conduct on the  
38 Distribution and Use of Pesticides, COAG/95/8, January 1995. FAO, Rome.
- 39 FAO. 1996a. Food, agriculture and food security: developments since the World Food  
40 Conference and prospects. World Food Summit technical background document 1.  
41 World Food Summit technical background documents, Vol. 1. Rome.
- 42 FAO. 1996b. Food security and nutrition. World Food Summit technical background document  
43 5. World Food Summit technical background documents, Vol. 1. Rome.
- 44 FAO. 1998. The State of the World's Plant Genetic Resources for Food and Agriculture. FAO,  
45 Rome.
- 46 FAO 1999. Committee on Agriculture: Biotechnology. 25-29 January. COAG.FAO 1999.  
47 CGIAR in Latin America and the Caribbean: Interactions, Achievements and  
48 Prospects. FAO, Rome.
- 49 FAO 1999. The importance of food quality and safety for developing countries, Committee on  
50 World Food Security 25th Session, Rome, 31 May-3 June.FAO 2001. The State of  
51 Food Insecurity in the World 2001. Rome.
- 52 FAO. 2001a. Mid-Term Review of the Global IPM Facility. April-June. Rome.
- 53 FAO 2001b. Role of pesticide companies in small farm development in Senegal: a case of  
54 policy failure. p. B2:6-11. In Mid-Term Review of the Global IPM Facility, April-June  
55 2001, FAO, Rome.
- 56 FAO, 2002, World Agriculture: Toward 2015/2030. Food and Agriculture Organizations of the  
57 United Nations, Rome, Italy.FAO/WHO. 2001. Amount of poor-quality pesticides sold  
58 in developing countries alarmingly high. FAO/WHO press release, 1 February.
- 59 FAO. 2002. Organic agriculture, environment and food security. FAO, Rome.



- 1 FAO 2003. Biosecurity in Food and Agriculture. Committee on Agriculture, 17th Session.FAO,  
2 Rome. <http://www.fao.org/DOCREP/MEETING/006/Y8453e.HTM>
- 3 FAO. 2003a. Gender, the Key to Sustainability and Food Security. Plan of Action:  
4 Gender and Development. Food and Agriculture Organization of the United Nations,  
5 Rome.
- 6 FAO. 2003b. Rural women: Key to food security. Gender and Population Division of  
7 Food and Agriculture Organization of the United Nations, Rome.
- 8 FAO. 2003c. State of Food Insecurity in the World
- 9 FAO. 2004. The State of Food Insecurity in the World. Monitoring progress towards the World  
10 Food Summit and Millenium Development Goals. FAO. Rome.
- 11 FAO. 2005a. Understanding the Codex Alimentarius. FAO, Rome.  
12 [http://www.fao.org/documents/show\\_cdr.asp?url\\_file=/docrep/008/y7867e/y7867e00.h](http://www.fao.org/documents/show_cdr.asp?url_file=/docrep/008/y7867e/y7867e00.htm)  
13 [tm](http://www.fao.org/documents/show_cdr.asp?url_file=/docrep/008/y7867e/y7867e00.htm)
- 14 FAO. 2005b. UN Agency says scale of toxic pesticide in Latin America 'frightening', Funding  
15 for cleaning up needed. FAO, Rome.  
16 <http://www.un.org/News/Press/docs/2005/sag369.doc.htm>
- 17 FAO. 2006. A global plant breeding initiative. FAO Agriculture 21.  
18 <http://www.fao.org/ag/magazine/0606sp1.htm>
- 19 FAO 2006a. State of Food Insecurity in the World
- 20 FAOSTAT, 1995. FAO, Rome and Alexandratos,  
21 FAOSTAT, 1995. FAO database  
22 FAOSTAT, 1997.database
- 23 FAO/WHO, 2004 "Cambodia Country Report on Food Safety", FAO/WHO  
24 Regional Conference on Food Safety for Asia and  
25 Pacific, Seremban, Malaysia, 24-27 May 2004, CRD
- 26 Farina, E., Reardon, T., 2000, "Agrifood grades and standards in the extended Mercosur:  
27 their role in the changing agrifood system," American Journal of Agricultural  
28 Economics, December.
- 29 Farrington, J., Bebbington, A., Wellard, K., Lewis, D., 1993. Reluctant Partners? Non-  
30 governmental organizations, the state and sustainable agricultural developments.  
31 Routledge, London and New York.
- 32 Farrington, J., and A. Martin, 1987, "Farmer-Participatory Research: A Review of Concepts  
33 and Recent Fieldwork" Agricultural Administration and Extension Vol. 29 pp. 247-264.
- 34 Farrington, J. and J.R.Witcombe, 1998, Regulatory Frameworks: Why Do We Need Them.  
35 pp. xvii-xxii in Witcombe, J., D. Virk and J. Farrington, 1998, Seeds of Choice: Making  
36 the Most of New Varieties for Small Farmers. London: IT Publication.
- 37 Fazey, I., Fazey, J.A., and Fazey, D.M.A. 2005. Learning more from experience. Ecology and  
38 Society 10(2):4 at <http://www.ecologyandsociety/vol10/iss2/art4/>
- 39 Feder, G., Murgai, R., Quizon, J.B. 2004a. The acquisition and diffusion of knowledge: the  
40 case of pest management training in Farmer Field Schools, Indonesia.Journal of  
41 Agricultural Economics 55, 221-243.
- 42 Feder, G., Murgai, R., Quizon, J.B. 2004b. Sending farmers back to school: the impact of  
43 farmer field schools in Indonesia. Review of Agricultural Economics 26, 45-62.
- 44 Fernandez-Cornejo, J. 2004. The Seed Industry in U.S. Agriculture, Agricultural Information  
45 Bulletin n.786. United States Department of Agriculture, Economic Research Service.
- 46 Fernandez-Cornejo, J. and D. Schimmelpfennig. 2004. Have seed industry changes affected  
47 research effort? Amber Waves, USDA Economic Research Service, February 2004.  
48 <http://www.ers.usda.gov/AmberWaves/February04/Features/HaveSeed.htm>
- 49 Fernandez-Cornejo, J. and S. Jans. 1999. Pest Management in US Agriculture. Resource  
50 Economics Division, Economic Research Service, US Department of Agriculture.  
51 Agricultural Handbook No. 717. Washington DC.
- 52 Ferrara, J. 1998. Revolving doors: Monsanto and the regulators. The Ecologist 28: Sept/Oct.  
53 At <http://www.monitor.net/monitor/9904b/monsantofda.html>
- 54 Fischer, K. and D. Byerlee, 2002. Managing intellectual property and income generation in  
55 public research organisations. p. 227-244. In D. Byerlee and R. Echeverría (ed.)  
56 Agricultural research policy in an era of privatization. Oxon & New York, CAB  
57 International.
- 58 Flannery, T. 2005. The Weather Makers. How man is changing the climate and what it means  
59 for life on earth. Grove Press. New York.
- 60 FNBIM Food and Nutrition Board, Institute of Medicine, 1991, "Seafood Safety: Committee on

- 1 Evaluation of the Safety of Fishery Products,” Ahmed FE (ed.), National Academy
- 2 Press: Washington, DC, p. 117.
- 3 FOEI, 2001, Sale of the Country? Peoples’ Food Sovereignty. Friends of Earth International
- 4 (<http://www.foei.org>) (available 28 December 2006).
- 5 FOEI, 2003, Trade and People’s Food Sovereignty. Friends of Earth International
- 6 (<http://www.foei.org>) (available 28 December 2006)
- 7 Fogel R.W., 2004. The escape from hunger and premature death 1700-2100: Europe.
- 8 America and Third World, Cambridge University Press
- 9 Foko, E. 1999. Arabica coffee in the agricultural production system of the western highlands
- 10 of Cameroon. Cahiers Agric. 8: 197-202.
- 11 Foster, P. and C. Welch, 2002. Poverty. p. 7-11. *In* Marketing the Earth: the World Bank and
- 12 Sustainable Development. Friends of the Earth and Halifax Initiative,
- 13 [www.halifaxinitiative.org](http://www.halifaxinitiative.org) or [www.foe.org](http://www.foe.org)
- 14 Fowler, C. 2004a. Regime change - Plant genetic resources in international law. Outlook on
- 15 Agriculture 33: 7-14.
- 16 Fowler, C. 2004b. Accessing genetic resources: international law establishes multilateral
- 17 system. Gen. Res. Crop Evol. 51: 609-620.
- 18 Frankenberger, T., Peña-Montenegro, A., Tilakaratna, N., Velarde, N. & Eide, W.B. 1993.
- 19 Rural poverty alleviation and nutrition: IFAD's evolving experiences. IFAD Staff
- 20 Working Paper No. 14. Rome, International Fund for Agricultural Development (IFAD).
- 21 Freebairn, D. K. 1995. Did the green revolution concentrate incomes? A Quantitative Study
- 22 of Research Reports. World Development (Oxford), 23, 2, 265-279.
- 23 Fresco, L. 2002. The future of agriculture: Challenges for environment, health and safety
- 24 regulation of pesticides. [www.fao.org/ag/magazine/oecd.pdf](http://www.fao.org/ag/magazine/oecd.pdf)
- 25 Frewer, L., Lassen, J., Kettlitz, B., Scholderer, J., Beekman, V., Berdal, K. G. 2004. Societal
- 26 aspects of genetically modified foods. Food and Chemical Toxicology 42, 118-1193.
- 27 Frey, K.J. 1996. *National Plant Breeding Study -1. Human and Financial Resources Devoted*
- 28 *to Plant Breeding Research and Development in the United States in 1994*. Special
- 29 Report 98, Iowa Agriculture and Home Economics Experiment Station. Ames: Iowa
- 30 State University.
- 31 Friends of the Earth and Halifax Initiative. 2002. Marketing the Earth: the World Bank and
- 32 Sustainable Development.
- 33 <http://www.panna.org/campaigns/docsWorldBank/MarketingEarth.pdf>, access
- 34 06/12/2006.
- 35 Friesen, F., A.G. Nelson, and R.C. Van Acker. 2003. Evidence of contamination of pedigreed
- 36 canola (*Brassica napus*) seedlots in western Canada with genetically engineered
- 37 herbicide resistance traits. Amer. Soc. Agron. J. 95:1342-1347.
- 38 Fukuoka, M. 1978. The One-Straw Revolution: An introduction to natural farming. Rodale
- 39 Press, Emmaus.
- 40 Fulton M, K. Giannakas. 2001. Agricultural biotechnology and industry structure. AgBioForum
- 41 4: 137–151
- 42 Funders Agriculture Working Group (FAWG). 2001. Roots of Change: Agriculture, Ecology,
- 43 and Health in California [Online]. Available at
- 44 [http://www.foodfunders.org/pdfs/roots\\_of\\_change.pdf](http://www.foodfunders.org/pdfs/roots_of_change.pdf) (verified 1 March 2007). FAWG,
- 45 San Francisco, CA.
- 46 Funtowicz S. O. and Ravetz J. R. 1993. Science for the post-normal age. Futures 25 (7), 739-
- 47 755.
- 48 Furuno, T. 2001. The Power of Duck. Integrated Rice and Duck Farming. Tagari Publications,
- 49 Tylagum, Australia.
- 50 Galden, B.C. et al. 1998. Exposure opportunities of families of farmer pesticide applicators.
- 51 American Journal of Industrial Medicine 34: 581-587.
- 52 Gallagher, Kevin. 1999. Frequently asked questions on HIV/AIDS facts: a Global IPM Facility
- 53 Field School Guide. Global IPM Facility: Rome.
- 54 Ganapath, S; Duffy, S. B., Gets C. 2005. A framework for understanding food insecurity: An
- 55 unt-hunger approach; a food system approach. The Centre for Weight and Health
- 56 College of Natural Resources, University of California, Berkeley
- 57 Garrett, J., 1997. Challenges to the 2020 Vision for Latin America: Food and Agriculture since
- 58 1970. Food Agriculture and the Environment Discussion Paper 21. International Food
- 59 Policy Research Institute. Washington D.C.

- 1 Gao, Q. and Li, X. 2006. Agricultural Information Infrastructure Development and Information  
2 Services in China. Chapter 16: 369-387 in Van den Ban, A. and Samanta, R.K. eds.  
3 2006. Changing Roles of Agricultural Extension in Asian Nations. B.R. Publishing  
4 Corporation, Delhi.
- 5 Geler, B. 2005. IFOAM Delegation Positions Organic Agriculture at the FAO.  
6 [http://www.ifoam.org/press/press/FAO\\_COAG.html](http://www.ifoam.org/press/press/FAO_COAG.html)
- 7 General Accounting Office (GAO). 2001. Agricultural Pesticides: Management Improvements  
8 Needed to Further Promote Integrated Pest Management [Online]. Available at  
9 <http://www.gao.gov/new.items/d01815.pdf> (verified 1 March 2007). Report to the  
10 Chairman, Subcommittee on Research, Nutrition and General Legislation, Committee  
11 on Agriculture, Nutrition and Forestry, US Senate.
- 12 Gentili, P.2000. The permanent crisis of the public university. NACLA Report on the  
13 Americas; Vol. 33:4 pages 12-19. North American Congress on Latin America.
- 14 General Accounting Office (GAO). 2001. Agricultural Pesticides: Management Improvements  
15 Needed to Further Promote Integrated Pest Management [Online]. Available at  
16 <http://www.gao.gov/new.items/d01815.pdf> (verified 1 March 2007). Report to the  
17 Chairman, Subcommittee on Research, Nutrition and General Legislation, Committee  
18 on Agriculture, Nutrition and Forestry, US Senate.
- 19 Georghiou, G. P. 1986. The magnitude of the problem. p. 14-43. In National Research  
20 Council: Pesticide resistance, strategies, and tactics. National Academy Press, Wash.  
21 D.C.
- 22 Gepts, P. 2004. Who owns biodiversity, and how should the owners be compensated? *Pl.*  
23 *Physiol.* 134: 295–1307.
- 24 Gerken A., J.V. Suglo, and M. Braun M. 2000. Crop protection policy in Ghana. An economic  
25 analysis of current practice and factors influencing pesticide use. Draft study on behalf  
26 of the Plant Protection and Regulatory Services Directorate, Ministry of Food and  
27 Agriculture with the Integrated Crop Protection Project PPRSD/GTZ and the Pesticide  
28 Policy project, University of Hannover/ GTZ, Accra.
- 29 Gibbons, M., C. Limoges, H. Nowotny, S. Schwartzman, P. Scott, and M. Trow. 1994. The  
30 New Production of Knowledge: The dynamics of science and research in  
31 contemporary societies. Sage Publications, Thousand Oaks, CA.,
- 32 Gieryn, T. F. 1995. Boundaries of science., in S. Jasanoff, G. E. Markle, J. C. Petersen and T.  
33 Pinch (eds.). Handbook of Science and Technology Studies, Sage Publications,  
34 Thousand Oaks, California. 393 – 443.
- 35 Gilbert, E. 1995. The Meaning of the Maize Revolution in Sub-Saharan Africa: Seeking  
36 Guidance from Past Impacts. Agricultural Administration Network Paper No. 55,  
37 Overseas Development Institute, London.
- 38 Gill, G. J. 1995. Major natural resource management concerns in South Asia. 2020 Vision for  
39 Food, Agriculture, and the Environment Discussion Paper No.8, IFPR, Wash. D.C.
- 40 Giller, K.E., 2002. Targeting management of organic resources and mineral fertilizers: Can we  
41 match scientists' fantasies with farmers' realities? In: Vanlauwe, B., Sanginga, N., Diels,  
42 J., Merckx, R. (Eds.), Balanced Nutrient Management Systems for the Moist Savanna  
43 and Humid Forest Zones of Africa. CAB International, Wallingford, pp. 155-171.
- 44 Giller, K.E., Rowe, E., de Ridder, N., van Keulen, H., 2006. Resource use dynamics and  
45 interactions in the tropics: Scaling up in space and time. *Agric. Syst.* 88, 8-27. Global  
46 Crop Diversity Trust. 2006. Document on Funds Pledged and Raised. Available at:  
47 <http://www.croptrust.org/documents/web/Funding%20Status%2015-05-06.pdf>
- 48 Global IPM Facility. Global Pesticide Campaigner, Volume 11, No. 1. Available at  
49 [http://www.panna.org/resources/gpc/gpc\\_200104.11.1.07.dv.html](http://www.panna.org/resources/gpc/gpc_200104.11.1.07.dv.html).
- 50 Global Forum on Agricultural Research (GFAR). 2000. Private-Public Research Partnerships  
51 in Biotechnology and Genomics. Workshop at GFAR Annual Conference, May 22,  
52 2000, Dresden, Germany.
- 53 Global Forum on Agricultural Research (GFAR). 2004. GFAR Business Plan 2004-2006. May  
54 2004. [http://www.egfar.org/documents/01\\_-\\_](http://www.egfar.org/documents/01_-_GFAR_at_a_Glance/Business_Plans_(BP)/GFAR2004-2006BP.pdf)  
55 [\\_GFAR\\_at\\_a\\_Glance/Business\\_Plans\\_\(BP\)/GFAR2004-2006BP.pdf](http://www.egfar.org/documents/01_-_GFAR_at_a_Glance/Business_Plans_(BP)/GFAR2004-2006BP.pdf), access  
56 06/12/2006.
- 57 Gold L. et.al. 1982. Chronological supplement to the carcinogenic potency database:  
58 Standardised results of animal bioassays published through December. *Environ.*  
59 *Health Perspectives* 67: 161-200.
- 60 Goldberg, G., Marcouz, A., Robertson, C., Safa, H.I., Staudt, K., Moghadam, V., Jiggins, J.,

- Colón-Warren, A., Muñoz, C. 1998. The Feminization of Poverty Here and Abroad.
- Gong Y, Cardwell K, Hounsa E, Turner P, Hall A, Wild C. 2002. Dietary aflatoxin exposure and impaired growth in young children from Benin and Togo: cross sectional study. *British Medical Journal*, 325, 7354, 20 – 21.
- Gottlieb, Robert- 1993. *Forcing the Spring: The Transformation of the American Environmental Movement*. Washington: Island Press.
- Gouveia-Vigeant, T., and Tickner, J. 2003. Toxic chemicals and childhood cancer: A review of the evidence. Lowell Center for Sustainable Production. University of Massachusetts, Lowell. Available at <http://sustainableproduction.org/downloads/Chil%20Can%20Exec%20Summary.pdf> (accessed 8 Feb 2004)
- Gray G. and Hammitt J.. 2000. Risk/Risk Trade offs in Pesticide Regulation: An exploratory analysis of the Public Health Effects of a Ban on Organophosphate and Carbamate Pesticides, *Risk Analysis* , Vol. 20, No.5, P.665.
- Gray R., Malla S., & Phillips P.. 1999. The Public and Non-for-Profit Sectors in a Biotechnology-Based, Privatising World: The Canola Case. Paper presented to the NE-165 Conference Transitions in Agbiotech: Economics of Strategy and Policy, Washington, DC, June:501-522. GTZ. 2004. Combating world hunger through sustainable agriculture. GTZ, Germany. <http://www2.gtz.de/dokumente/bib/04-5888.pdf>
- Griliches, Z. 1992. The search for R&D spillovers. *Scand. J. Econ.* 94 (Suppl.): 29–47.
- Greathead, D.J. 2003. Historical overview of Biological Control in Africa. p. 1-26. In P. Neuenschwander, C. Borgemeister, and J. Langewald (ed.) *Biological Control in IPM Systems in Africa*. CABI Publishing, Wallingford, UK.
- Greathead, D.J. 1989. Present possibilities for biological control of insect pests and weeds in tropical Africa. p. 173-194. In J.S. Yaninek and H.R. Herren (ed). *Biological Control: a Sustainable Solution to Crop Pest Problems in Africa*. IITA, Ibadan.
- Greathead, D.J. 1976. *A Review of Biological Control in Western and Southern Europe*. CAB, Farnham Royal, 182 p.
- Greathead, D.J. 1971. *A Review of Biological Control in the Ethiopian Region*. Commonwealth Institute of Biological Control, Tech Comm No. 5, CAB, Farnham Royal. 162 p.
- Greathead, D.J., and J. K. Waage. 1983. Opportunities for biological control of agricultural pests in developing countries. *World Bank Tech Paper* 11. Washington DC, 44 p.
- Grimaldi, L., 1998. Disminuyen accidentes por uso de plaguicidas. *Prensa Libre*, 18-19.
- Guerinot, M.L. 2000. Enhanced: the green revolution strikes gold. 2000. *Science* 287:241-243.
- Guillette, E.A., et.al. 1998. An anthropological approach to the evaluation of preschool children exposed to pesticides in Mexico, *Environ. Health Perspectives* 106:347-53.
- Guillette, et al. 2006. Altered breast development in young girls from an agricultural environment. *Environ. Health Perspectives*. 114:471-74.
- Guner, N, and T.C. Wehner. 2003. Survey of U.S. land grant universities for training of plant breeding students. *Crop Sci.* 43: 1938-1944.
- Guthman J. 2000. Raising organic: an agroecological assessment of grower practices in California. *Agric. Human Values* 17: 257-266.
- Hagen, K.S. and J.M. Franz. 1973. A History of Biological Control. p. 433-476. In R.F. Smith et al. (ed). *History of Entomology*. Annual Reviews Inc., Palo Alto, CA.
- Hall, A.J., Rasheed Suliaman V., Clark, N.G. Yoganand B. 2003. From measuring impact to learning institutional lessons: an innovation systems perspective on improving the management of international agricultural research. *Agricultural Systems* 78: 213-241
- Hall, A., W. Janssen, E. Pehu and R. Rajalahti. 2006. *Enhancing Agricultural Innovation: How to go beyond strengthening research systems*. Final Draft, May 2006. World Bank. Washington D.C.
- Hall, A. 2006. *Enhancing Agricultural Innovation: How to go beyond strengthening research systems? Report for the World Bank*. Final draft 15 May. Maastricht. UN Univ. Economic and Social Research and Training Centre on Innovation and Technology.
- Hall, A.J. et al. (ed.) 2004. *Innovations in Innovation: Reflections on partnership, institutions and learning*. DFID Crop Post-Harvest Programme (South Asia), ICRISAT and the National Centre for Agricultural Economics and Policy Research, India.

- 1 Hall, A. J., B. Yoganand, R.V. Sulaiman, and N.G. Clark (ed.) 2003. Post-harvest innovations  
2 in innovation: reflections on partnership and learning. Crop Post-Harvest Programme  
3 South Asia, Aylesford.
- 4 Hamburger, J. 2001. IPM that works: The UN FAO IPM Programme and the Global IPM  
5 Hamburger J. and M. Ishii-Eiteman. 2003. The struggle to reduce reliance on pesticides in  
6 World Bank projects: can community-based monitoring lead to improved policy  
7 compliance? PANNA: San Francisco.
- 8 Hammerschlag, K. 2007. More IPM Please: how USDA could deliver greater environmental  
9 benefits from Farm Bill conservation programs. NRDC Issue Paper, NRDC Inc., San  
10 Francisco.
- 11 Hammerschlag, K. 2006 (in press). Delivering Greater Environmental Benefits: the Case for  
12 Strengthening Integrated Pest Management in Farm Bill Conservation Programs.  
13 NRDC: San Francisco, CA.
- 14 Hammond, R. and L. McGowan. 1992. The Other Side of the Story: the Real Impacts of  
15 World Bank Structural Adjustment Programs. The Development Gap: Washington DC.
- 16 Hanak, E., Boutrif, E., Fabre, P., Pineiro, M.,(Scientific Editors), 2002. Food Safety  
17 Management in Developing Countries. Proceedings of the International Workshop,  
18 CIRAD-FAO, 11-13 December 2000, Montpellier, France, CIRAD-FAO. CIRAD CD-  
19 ROM, Montpellier, France.
- 20 Hansen, M. 1986. Escape from the Pesticide Treadmill: Alternatives to Pesticides in  
21 Developing Countries. Institute for Consumer Policy Research, Consumers Union,  
22 Mount Vernon, New York.
- 23 Hansen, M. 1990. The First Three Years: Implementation of the World Bank Pesticide  
24 Guidelines. Consumer Policy Institute, New York.
- 25 Hanshi J. A. 2001. Use of pesticides and personal protective equipment by applicators in a  
26 Kenyan district. African Newsletter on Occupational Health and Safety 11: 74-76.
- 27 Hardell, L., M.J. Walker, B. Walhjalt, L.S. Friedman, and E.D. Richter. 2006. Secret ties to  
28 industry and conflicting interests in cancer research. Amer J Industrial Med. In press  
29 (accepted 17 May 2006).
- 30 Harden, G. (ed.) 2000. Proc. Train the Trainer Workshop. APCPA IPM/ICM. May 2000.  
31 Report of Proceedings of IPM Trainer Workshop. Chaing Mai, Thailand
- 32 Hardon, J. 2004. Plant Patents Beyond Control: Biotechnology, farmer seed systems and  
33 Intellectual Property Rights. Agromisa Foundation, Wageningen. [www.agromisa.org](http://www.agromisa.org).  
34 06/12/2006.
- 35 Hardon, J. et al. 2005. Plant patents beyond control. Farmer Seed Systems, IPRs, Conflict,  
36 Law. Agromisa. Wageningen. [www.agromisa.org](http://www.agromisa.org).
- 37 Harlan, J.R., 1975. Crops and Man. Amer. Soc. Agron., Madison
- 38 Harrington, I. 1993. Sustainable Agriculture for Uplands in Asia: Direct vs. preventative  
39 contributions of new technology. CGPRT Centre Regional Seminar on Upland  
40 Agriculture in Asia, 6-8 April, Bogor, Indonesia.
- 41 Harvey, M. 2004. The appearance and disappearance of GM tomato: innovation strategy,  
42 market formation and the shaping of demand., In Vellema, S. and Janssen, K.  
43 Agribusiness and Society. Corporate responses to Environmentalism, Market  
44 Opportunities and Public Regulation. Zed Press. London., 68-90.
- 45 Havelock, R.G. 1986. Modelling the knowledge system. Pp 77-105 in: Beal, G.M, W.  
46 Dissanayake, and S. Konoshima (Eds.). Knowledge, Generation, Exchange and  
47 Utilisation. Westview, Boulder, Colorado.
- 48 Havelock, R. G. 1969. Planning for innovation through dissemination and utilization of  
49 knowledge. Center for Research on Utilization of Scientific Knowledge, Ann Arbor,  
50 Michigan.
- 51 Haverkort, B., J. Van der Kamp and A. Waters-Bayer (ed.) 1991. Joining farmers'  
52 experiments: Experiences in participatory technology development. Intermediate  
53 Technology, London.
- 54 Hayenga, M.L. 1998. Structural changes in the biotech seed and chemical industrial complex.  
55 AgBioForum 1: 43-55
- 56 Hazell, P. and C. Ramaswamy. 1991. The Green Revolution  
57 Reconsidered: The impact of high yielding rice varieties in south India. John Hopkins  
58 Univ. Press, Baltimore.
- 59 Hawkes, C., Ruel, M.T. 2006. Understanding the links between agriculture and health.  
FOCUS 13, May. (Available at: <http://www.ifpri.org>)



- 1 Hayes, T., et al. 2002. Hermaphroditic, demasculinized frogs after exposure to the herbicide
- 2 atrazine at low ecologically relevant doses. *Proc. Nat. Acad. Sci.* 99: 5476-5480.
- 3 Hayes, T., K. Haston, M. Tsui, A. Hoang, C. Haeffele, and A Vonk. 2002. Feminization of male
- 4 frogs in the wild. *Nature* 419: 895-896.
- 5 Hayes, T., K. Haston, M. Tsui, A Hoang, C. Haeffele and A. Vonk. 2003. Atrazine-induced
- 6 hermaphroditism at 0.1 PPB in American leopard frogs (*Rana pipiens*): Laboratory and
- 7 Field Evidence. *Environ. Health Perspectives* 111: 568-575.
- 8 Hazell, P. and Ramaswamy, C. 1991. *The Green Revolution Reconsidered: The impact of*
- 9 *High Yielding rice Varieties in South India.* John Hopkins University Press, Baltimore.
- 10 Hediger, W. and B. Lehmann. 2003. Multifunctional agriculture and the preservation of
- 11 environmental benefits. 25th International Conference of Agricultural Economists,
- 12 August 16-22, Durban, South Africa. [http://www.iaae-](http://www.iaae-agecon.org/conf/durban_papers/papers/096.pdf)
- 13 [agecon.org/conf/durban\\_papers/papers/096.pdf](http://www.iaae-agecon.org/conf/durban_papers/papers/096.pdf). 06/12/2006.
- 14 Heisey, P.W, C.S. Srinivasan, and C.Thirtle. 2001. Public sector plant breeding in a privatized
- 15 world. Resource Economics Division, Economic Research Service, United States
- 16 Department of Agriculture. *Agricultural Information Bulletin* No.722.
- 17 Heller, M.A., and Eisenberg, R.S. 1998. Can patents deter innovation? The anticommons in
- 18 biomedical research. *Science* 280: 698-701.
- 19 Hellinger, D. 1999. Statement at the First Public Hearing of the International Financial
- 20 Institutions Advisory commission on Civil Society Perspectives on the IMF and World
- 21 bank. *The Development Gap.* Available At:
- 22 [http://www.developmentgap.org/ifi\\_testimony.html](http://www.developmentgap.org/ifi_testimony.html).
- 23 Henao, S. et al. 1993. *Pesticides and health in the Americas: Pan American Health*
- 24 *Organization, Division of Health and Environment.* Washington, D.C. *Environmental*
- 25 *Series* No 12.
- 26 Hendrickson, M., Heffernan, W., 2005Can consolidated food systems achieve food security?
- 27 In *Proceedings of New Perspectives on Food Security.* November 12-14, 2004. Pg.
- 28 65-68. *Clywood Centres*
- 29 Heong K. L., Escalada M. M., 1998. Changing rice farmers' pest management practices
- 30 through participation in a small-scale experiment. *International Journal of Pest*
- 31 *Management* 44, 191-197.
- 32 Herdt, R.W. & Mellor, J.W. 1964. The contrasting response of rice to nitorgen: India and the
- 33 United States. *Journal of Farm Economics* 46, pp 150-160
- 34 Herdt, R.W. 2006. Establishing priorities for plant science research and developing world food
- 35 security. *European Journal of Plant Pathology.* 115:75 95 pp75-93Hill, P. 1982. *Dry*
- 36 *Grain Farming Families. Hausaland (Nigeria) and Karnataka (India) compared.*
- 37 *Cambridge University Press, Cambridge.*
- 38 Herren, H.R. 1990. Biological control as the primary option in sustainable pest management:
- 39 the cassava pest project. *Bull. Soc. Ent. Suisse* 63: 405-413.
- 40 Hill, P. 1982. *Dry Grain Farming Families. Hausaland (Nigeria) and Karnataka (India)*
- 41 *compared. Cambridge University Press, Cambridge, 322 p.*
- 42 Hilhorst, T. & F. Muchena. eds. 2000. *Nutrients on the move. Soil fertility dynamics in African*
- 43 *farming systems.* IIED. London.Hobart, M. ed. 1994. *An Anthropological Critique of*
- 44 *Development: The Growth of Ignorance.* Routledge. London.
- 45 Hoard, R. J, and M. J. Brewer. 2006. Adoption of pest, nutrient, and conservation vegetation
- 46 management using financial incentives provided by a U.S. Department of Agriculture
- 47 conservation program. *Hort Technology* 16: 306-311.
- 48 Hobart, M. 1994. Introduction: The growth of Ignorance? Chapter 1, 1-30, in Hobart, M. ed.
- 49 1994. *An Anthropological Critique of Development: The Growth of Ignorance.*
- 50 *Routledge. London*
- 51 Hobden, A. 1995. *Paradigms and Politics: The cultural construction of environmental policy in*
- 52 *Ethiopia.* *World Development.* Vol 23 (6) pp 1007-1022.
- 53 Hodeshi M, Kazuhiro A, Shunsaku M, Satoshi T, Nobumichi S, Motonobu M, Akio O, Hiroshi
- 54 Y., 1999, "Massive outbreak of *Escherichia* O157:H7 infection in schoolchildren in Sakai
- 55 City, Japan, associated with consumption of white radish sprouts", *American Journal of*
- 56 *Epidemiology;* 150:787-796.
- 57 Hokkanen, H.M.T., and A.E. Hajek. (ed.) 2003. *Environmental Impact of Microbial nsecticides:*
- 58 *Need and Methods for Risk Assessment.* Kluwer Academic publishers, Dordrecht, the
- 59 *Neth.*

- 1 Holl, K., G. Daily, P. Ehrlich. 1990. Integrated Pest Management in Latin America. Environ.
- 2 Conserv. Vol. 17.
- 3 Holland, J. and J. Blackburn (ed.) 1998. Whose voice? Participatory research and policy
- 4 change. London. Intermediate Technology Publications.
- 5 Holmgren, D. 2002. Permaculture: principles and pathways beyond sustainability. Holmgren
- 6 Design Services, Hepburn, Victoria, Australia.
- 7 Hopper, K.R. 2001. Research Needs Concerning Non-Target Impacts of Biological
- 8 Control Introductions. p. 39-56 In E. Wajnberg, J.K. Scott, and P.C. Quimby (ed.) 2001.
- 9 Evaluating Indirect Effects of Biological Control. CABI Publ, Wallingford.
- 10 Horton, D. 2002. Evaluating Organizational Capacity Development in the Area of Planning,
- 11 Monitoring, and Evaluation Briefing Paper No. 51. ISNAR.
- 12 Horton, D. 1999. Building capacity in planning, monitoring, and evaluation: Lessons from the
- 13 field. Knowledge, Technology, and Policy, 11(4): 152-188.
- 14 Horton, D., R. Mackay, A. Anderson, and L. Dupleich, 2000, Evaluating Capacity
- 15 Development in Planning, Monitoring, and Evaluation: A Case from Agricultural
- 16 Research. Research Report 17. The Hague: ISNAR.
- 17 Horton, D., R. Mackay, A. Andersen and L. Dupleich. 2001. Evaluating Capacity Development
- 18 in Planning, Monitoring, and Evaluation: A case from Agricultural Research, Research
- 19 Report No. 17. ISNAR.
- 20 Horton, D. et al., 2003. Evaluating Capacity Development: experiences from research and
- 21 Development Organisations Around the World. The Netherlands: ISNAR; Canada:
- 22 IDRC; The Netherlands: ACP-EU Technical Centre for Agricultural and Rural
- 23 Development (CTA)
- 24 Hostens, J. 2002. Development of multifunctional agriculture.
- 25 Hounkonnou, D. 2001. Listen to the Cradle. Building from Local Dynamics for African
- 26 Renaissance. Case studies in rural areas in Benin, Burkina Faso and Ghana.
- 27 Published PhD thesis. Wageningen University. Wageningen.
- 28 Howard, P. L. (Ed.). 2003. Women and Plants. Gender relations in biodiversity management
- 29 and conservation. ZED Books, London, 298 p.
- 30 Howarth F. 1991. Potential Impact of *Coccinella septempunctata* on endangered *Lyaenidae*
- 31 (Lepidoptera) in Northwestern Ohio. In Behaviour and Impact of Aphidophaga. (Eds
- 32 L. Polagar, R. Chambers, A Dixon, I Hodek. The Hague: Academic Publishing
- 33 Howell, J. 1982. Managing agricultural extension: the T&V system in practice. Agric. Admin.
- 34 11: 273-284.
- 35 Huang J., C. Pray, S. Rozelle. 2002. Enhancing the crops to feed the poor. Nature 418:678-
- 36 684.
- 37 Huang, J., S. Rozelle, C. Pray, Q. Wang. 2002a. Plant biotechnology in China. Science 295:
- 38 674-676.
- 39 Huang, J., R. Hu, S. Rozelle, F. Qiao and C.E. Pray. 2002c. Transgenic varieties and
- 40 productivity of smallholder cotton farmers in China. Austral. J. Agric. Res. Econ. 46:
- 41 367-387.
- 42 Huang, J., R. Hu, C.E. Pray, F. Qiao and S. Rozelle. 2003. Biotechnology as an alternative to
- 43 chemical pesticides: a case study of Bt cotton in China. Agric. Econ. 29:55-67.
- 44 Hubert, B., R.L. Ison, and N. Röling. 2000. The "Problematique" with respect to industrialised-
- 45 country agricultures. p. 14-29. In Cow up a Tree: Knowing and Learning for Change in
- 46 Agriculture, Case studies from Industrialised Countries. M. Cerf et al. (ed.). INRA
- 47 Editions, Paris.
- 48 Hugo Perales, R., S.B. Brush, and C.O. Qualset. 2003. Dynamic management of maize
- 49 landraces in Central Mexico. Econ. Botany 57: 21-34.
- 50 Hunter, G. 1970. The Administration of Agricultural Development: lessons from India. Oxford
- 51 University Press, London.
- 52 Hyman, E. L., 1992, Local Agro-Processing with Sustainable Technology: Sunflower seed Oil
- 53 in Tanzania. Gatekeeper Series No. 33. London: International Institute for
- 54 Environment and Development Howard, P. L. (ed.). 2003. Women and Plants. Gender
- 55 relations in biodiversity management and conservation. ZED Books, London.
- 56 IATP, 1998. Marketing Sustainable Agriculture: Case Studies and Analysis from Europe.
- 57 IATP, Minneapolis.
- 58 ICIPE. 2006. Activities and Impacts of Major Projects, 1996-2006. ICIPE, African Insect
- 59 Science for Food and Health, Nairobi.

- 1 IDRC 1999. Food Hunger-Poor Cities: Sustainable Urban Food Systems. Eds Mustafa Koc,  
2 Rod MacRae, Luc J.A. Mougeot & Jennifer Welsh
- 3 Idris, A.B. and E. Grafius, 1995. Wildflowers as nectar sources for *Diadegma insulare*  
4 (*Hymenoptera: Ichneumonidae*), a parasitoid of diamondback moth (*Lepidoptera:*  
5 *Yponomeutidae*). *Envir Entom.* 24 (6): 1726-1735.
- 6 IFAD 2003. Gender Programme for IFAD's strategy equitable developmenyt for women and  
7 men in the Near East and North Africa. Rome. IFAD.
- 8 IFDC. 2005. Development and Dissemination of Sustainable Integrated Soil Fertility  
9 Management Practices for Smallholder farmers in Sub-Saharan Africa. International  
10 Fertiliser Development Corporation. Muscle Shoals, Alabama, U.S.A.
- 11 IFOAM. 2003. Organic Trade a Growing Reality. An Overview and Facts on Worldwide  
12 Organic Agriculture [Online]. Available at <http://ifoam.org> (verified 1 March 2007).
- 13 IK Notes. 2005. Education: Building on Indigenous Knowledge. No. 87. December, World  
14 Bank, Wash. DC. [www.worldbank.org/afr/ik](http://www.worldbank.org/afr/ik)
- 15 ISNAR. 2002. Gender and agriculture in the information society. Briefing Paper:  
16 55, September..
- 17 IFOAM. 2003. Organic Trade a Growing Reality. An Overview and Facts on Worldwide  
18 Organic Agriculture. <http://ifoam.org>.
- 19 IFPRI. 2002. International Food Policy Research Institute. Green Revolution – curse or  
20 blessing? <http://www.ifpri.org/pubs/ib/ib11.pdf>
- 21 International Institute of Rural Reconstruction (IIRR). 1996. Recording and Using Indigenous  
22 Knowledge: a Manual.IIRR, Cavite, The Philippines. [www.iirr.org](http://www.iirr.org)
- 23 International Institute of Rural Reconstruction (IIRR). 2005. Linking People to Policy. From  
24 participation to deliberation in the context of Philippine community forestry. IIRR,  
25 Cavite. The Philippines. [www.iirr.org](http://www.iirr.org)
- 26 International Rice Research Institute (IRRI). 1983. Women in rice farming. Conference on  
27 Women in Rice Farming Systems, 26-30 September, Manila, The Philippines.
- 28 IPMNet. 2007. Definitions of IPM [Online]. Available at  
29 <http://ipmnet.org/IPMdefinitions/define.html> (accessed 5 February 2007, verified 1  
30 March 2007). Integrated Plant Protection Center (IPPC), Oregon State University,  
31 Corvallis, Oregon.
- 32 Ishii-Eiteman, M. J. 2002a. Pesticides and pest management. p. 27-32 In: Marketing the  
33 Earth: the World Bank and Sustainable Development. Friends of the Earth/Halifax  
34 Initiative. [http://www.halifaxinitiative.org/updir/WB\\_SD.pdf](http://www.halifaxinitiative.org/updir/WB_SD.pdf), access 06/12/2006.
- 35 Ishii-Eiteman, M. J. 2002b. NGOs Challenge World Bank's Rural Development Strategy.  
36 *Global Pest. Campaigner* 12:1, 6-9. PANNA, San Francisco.
- 37 Ishii-Eiteman, M & N. Ardhanie. 2002. Community monitoring of integrated pest management  
38 versus conventional pesticide use in a World Bank project in Indonesia. *Int. J. Occup.*  
39 *Environ. Health* 8: 220-231, July/Sept 2002.
- 40 Ishii-Eiteman, M. J., M. Kleiner, and M. Hansen.1996. A history of pesticide and pest  
41 management policies and practices at the World Bank. PANNA, San Francisco. IFAD  
42 2003. Gender Programme for IFAD's strategy equitable development for women and  
43 men in the Near East and North Africa. Rome. IFAD.
- 44 Ismael Y. 2001. Smallholder adoption and economic impacts of Bt cotton in the Makhathini  
45 Flats. Republic of South Africa. Report for DFID Natural Resources Policy Research  
46 Programme. Project R7946, London
- 47 Izquierdo, J., de la Riva, G.A., 2000. Plant biotechnology and food security in Latin America  
48 and the Caribbean. *Electronic Journal of Biotechnology.* 3(1): 1-8.
- 49 Izuno, T., 1979, Maize in Asian Cropping Systems: Historical review and considerations for  
50 the future. CIMMYT Asian Reports No. 9. CIMMYT Asian Regional Office, C/O  
51 ICRISAT Liason Office, 23 Golf Links, New Delhi. India
- 52 Jain, H. K. 1994. 'The Biodiversity Convention: more losers than winners', *Biotechnology and*  
53 *Development Monitor*, No 21, December, p 24.
- 54 Jain, V. 1992. Disposing of Pesticides in the Third World. *Environmental science technology*  
55 26: 226.
- 56 James, C. 2004. Global Status of Commercialized Biotech/GM Crops: 2004. Ithaca, ISAAA,  
57 ISAAA Briefs No. 32
- 58 Jaradat, A. A., M. Shahid, and A.Y. Al Maskri. 2004. Genetic diversity in the Batini barley  
59 landrace from Oman: I. Spike and seed quantitative and qualitative traits. *Crop Sci.*  
60 44:304-315.

- 1 Jasanoff, S., D. Winickoff, L. Busch, R. Grove-White, and B. Wynne. 2005. Adjudicating the  
2 GM Food Wars: Science, Risk, and Democracy in world trade law. *Yale J. Inter. Law*:  
3 30-81.
- 4 Jehae, M. 2003. Moving towards pesticide use reduction in the Netherlands. *Pesticides News*  
5 60, p. 17.
- 6 Jennings, B. 1997. The Lilling Fields: Science and politics at Berkeley, California, USA. *Agric*  
7 *and Human Values* 14:259-271.
- 8 Jensen, J.E. and P.H. Petersen. 2001. The Danish Pesticide Action Plan II: obstacles and  
9 opportunities to meet the goals. In: *The BCPC Conference Weeds 2001*, british Crop  
10 Protection Council, Farnham, UK. Pp. 449-454.
- 11 Jervis, M.S., M.A. Kidd, M.D. Fitton, T. Huddleson and H. Dawah. 1993. Flower visiting by  
12 hymenopteran parasitoids. *J Nat Hist* 27: 287-294
- 13 Jeyaratnam, J. et al. 1987. Blood cholinesterase levels among agricultural workers in four  
14 Asian countries. *Toxicology Letters* 33: 195-201.
- 15 JICA. 2004. Overview of Japan International Cooperation Agency (JICA). JICA, Japan.  
16 Available at [http://www.jica.go.jp/english/resources/publications/annual/2004/pdf/196-](http://www.jica.go.jp/english/resources/publications/annual/2004/pdf/196-200.PDF)  
17 [200.PDF](http://www.jica.go.jp/english/resources/publications/annual/2004/pdf/196-200.PDF)
- 18 Jiggins, J. 1986. Gender-Related Impacts and the Work of the International Agricultural  
19 research centers. CGIAR Impact Study Paper No. 17. The World Bank, Wash. D.C..  
20 Text available at [www.worldbank.org](http://www.worldbank.org). 06/12/2006.
- 21 Jiggins, J. ed. 1989 International Seminar on Rural Extension Policies. Proceedings. IAC.  
22 Wageningen.
- 23 Jiggins, J., G. Governatori, P. Roggero. 2005. Integrated Pest Management for Western  
24 Corn Rootworm in Central and Eastern Europe. Final Report, Mid-Term Review.  
25 GTFS/RER/017/ITA Project. Rome.
- 26 Jiggins, J., Lightfoot, C. and C. Reintjes. 1996. Mobilising Science and Technology to Get  
27 Agriculture Moving in Africa: A Response to Borlaug and Dowsell, Development  
28 Policy Review, no.1, vol. 13, March 1996: 89-103.
- 29 Johnson, G. D. 1996. China's rural and agricultural reforms: Successes and failure. Chinese  
30 Economy Research Unit (CERU), University of Adelaide.
- 31 Johnson, N., and D. Pachico, D. 2000. Impact of past research on crop genetic improvement.  
32 pages In D. Pachico (ed.) *Impact assessment annual report*, CIAT, Cali.
- 33 Johnson N L and V.M/ Manyong. 2003. Crop variety improvement and its effect on  
34 productivity. Chapter 16. In R. E. Evenson and D. Gollin (ed.) *The impact of*  
35 *international agricultural research*. CAB International, Wallingford, UK.
- 36 Jordan, M.C., 2000. The Privatization of Food: Corporate Control of Biotechnology, *Agronomy*  
37 *Journal*, 92 (July-August) 2000
- 38 Joshi, K. D., S. Biggs, D. Gauchan, K.P. Devkota, C.K. Devkota, P.K. Shrestha and B.R.  
39 Sthapit, 2006. The evolution and spread of socially responsible technical and  
40 institutional innovations in a rice improvement system in Nepal. Discussion Paper 8,  
41 Wales, Bangor: CAZS-Natural Resources, University of Wales.
- 42 Jutsum, A. S., B. Heaney, P. Perrin, P. Wege. 1998. Pesticide resistance: assessment of risk  
43 and development and implementation of effective management strategies. *Pest. Sci.*  
44 54: 435-446.
- 45 Kalaitgandonakes Nicholas. 1999. The Agricultural Knowledge System: Appropriate Roles  
46 And Interactions for the Public and Private Sectors, *AgBio Forum*, Vol. 2 No.1, Winter.
- 47 Kalkoven, J.T.R. 1993. Survival of populations and the scale of the fragmented agricultural  
48 landscape. In Bunce, R.G.H., L. Ryszkowski, and M.G. Paoletti, Eds. *Landscape*  
49 *Ecology and Agroecosystems*. 1993. Lewis Publishers, Boca Raton. P. 83-90.
- 50 Kamuanga 2001 Kamuanga, M Farmers' perceptions of the impacts of tsetse and  
51 trypanosomosis control on livestock production: evidence from southern Burkina Faso,  
52 *Tropical animal health and production*, Vol. 33, No.2, P.141. 2001.
- 53 Kanampiu, Fred K. 2003 Multi-site, multi-season field tests demonstrate that herbicide seed-  
54 coating herbicide-resistance maize controls *Striga* spp. and increases yields in several  
55 African countries. *Crop protection*, Vol. 22, No.5, p.697.
- 56 Karel, B. 2004. The Persistence of Pesticide Dependence: a Review of World Bank Projects  
57 and Their Compliance with the World Bank's Pest Management Policy, 1999-2003. 36  
58 p. PANNA. San Francisco.
- 59 Kassa B. And Hailu Beyene. 2001. Efficacy and Economics of Fungicide Spray in the Control  
60 of Late Blight of Potato in Ethiopia, *African Crop Science Journal*, Vol. 9, No.1, P.245.

- 1 Keese P., Galman-Omitogun O. & Sonaiya E.B., 2002. Seeds of Promise: Developing a  
2 sustainable agricultural biotechnology industry in sub-Saharan Africa. *Natural*  
3 *Resources Forum* **26**:234-244
- 4 Keifer, M. et al. 1996. Symptoms and cholinesterase activity among rural residents living near  
5 cotton fields in Nicaragua. *Occupational Environmental Medicine* **53**, 726-729.
- 6 Keifer, M. et al. 1996. Estimating underreported pesticide poisonings in Nicaragua. *American*  
7 *Journal of Industrial Medicine* **53**, 726-729.
- 8 Keiserukhsky M. Kashirsky O.. 1975. Economics of Plant Protection in the USSR. VIII  
9 International Congress of Plant Protection. Papers at Sessions. Moscow USSR 2  
10 p12.
- 11 Kelly, L. 2005. Addressing Challenges of Globalization: An Independent Evaluation of the  
12 World Bank's Approach to Global Programs. The World Bank Operations Evaluation  
13 Department. The Global Integrated Pest management Facility.
- 14 Kenmore, P.E. 1987. Crop Loss Assessment in a Practical Integrated Pest Control Program  
15 for Tropical Asian Rice, in P.S.Teng ed. Crop Loss Assessment and Pest  
16 Management. American Phytopathological Society Press. St. Paul, Minnesota, pp  
17 225-241
- 18 Kenmore P. E., Carino F. O., Perez C. A., Dyck V. A. and Gutierrez A. P. 1984. Population  
19 regulation of the brown planthopper within rice fields in the Philippines. *Journal of*  
20 *Plant Protection in the Tropics* **1** (1), 19-37.
- 21 Kettlitz B. 2003. Consumer perspective, European Consumers' Organisation. In: Report on  
22 the seminar on compliance and risk reduction held 10 March 2003, Paris, OECD  
23 Pesticids Working Group, Organisation for Economic Co-operation and Development,  
24 ADD website.
- 25 Kerr J. and Kolavalli S. 1999. Impact of Agricultural Research in Poverty Alleviation;  
26 Conceptual Framework with illustrations from literature. EPTD Discussion Paper,  
27 IFPRI, Washington.
- 28 Kheralla, M. W., J. C. Beghin, E. Wesley, F. Peterson and F. Ruppel. 1994. Impacts of official  
29 development assistance on agricultural growth, savings and agricultural imports. *Agric.*  
30 *Econ.* **11**: 99-110.
- 31 King, C., Gunton, J., Freebairn, D., Coutts, J., and Webb, I. 2000. The sustainability indicator  
32 industry: Where to from here? A focus group study to explore the potential of farmer  
33 participation in the development of indicators. *Australian Journal of Experimental*  
34 *Agriculture* **40**: 631-642.
- 35 King, J.L., 2001. Concentration and Technology in Agricultural Input Industries. *Agr. Inform.*  
36 *Bull.*, USDA 763.
- 37 Kishi, M. 2005. The Health Impacts of Pesticides: What Do We Know Now? Chapter 2 in J.  
38 Pretty (ed.) *The Pesticide Detox: Towards A More Sustainable Agriculture*. Earthscan,  
39 London, Sterling.
- 40 Kishi, M., N. Hirschhorn, M. Qjajadisastira, L. Satterlee, S. Strowman, R. Dilts, 1995.  
41 Relationship of pesticide spraying to signs and symptoms in Indonesian farmers.  
42 *Scand J Work Environ Health* **1995**;21:124-33
- 43 Kleinman, D.L., and S.P. Vallas. 2001. Science, capitalism, and the rise of the "knowledge  
44 worker": The changing structure of knowledge production in the United States. *Theory*  
45 *and Society* **30**: 451-492.
- 46 Kline, S. and N. Rosenberg. 1986. An Overview of Innovation. p. 275-396. *In* The positive  
47 sum strategy. *Harnessing technology for economic growth*. R. Landau and N.  
48 Rosenberg (ed.) National Academic Press, Wash. D.C.
- 49 Klotz-Ingram, C. and Day-Rubenstein, K. (1999). The changing agricultural research  
50 environment: What does it mean for public-private innovation?. *AgBioForum*, **2**(1), 24-  
51 32.
- 52 Korten, A. 1995. *A Bitter Pill: Structural Adjustment in Costa Rica*. The Institute for Food and  
53 Development Policy, San Francisco.
- 54 Kreiger, R. (ed). 2001. *Handbook of Pesticide Toxicology*. Academic Press, San Diego.
- 55 Kremer, M. 2003. 'Encouraging private sector for tropical agriculture,' 7<sup>th</sup> ICABR International  
56 Conference on Public Goods and Public Policy for Agricultural Biotechnology. Ravello,  
57 Italy.
- 58 Krinsky, S. 1999. The profit of scientific discovery and its normative implications. *Kent Law*  
59 *Review* **75**: 15-39.



- 1 Kröger, L., J. Aakkula, and P. Jokinen. 2004. The assimilation of the ideas of multifunctional  
2 agriculture into Finnish agri-environmental policy. 90th EAAE Seminar on  
3 Multifunctional Agriculture, Policies and Markets: Understanding the Critical Linkage,  
4 October 27-29, Rennes, France.
- 5 Kroma, M.M. and C. B. Flora. 2003. Greening pesticides: a historical analysis of the social  
6 construction of farm chemical advertisements. *Agric and Human Values* 20: 21-35.
- 7 Kvien C.. et al. 1993. Peanut Production In Systems Restricting Use of Pesticides Based on  
8 Carcinogenicity or Leachability, *Peanut Science*, P.118 July – December.
- 9 Kühl, S. and P. Raffler .2004.. "Capacity Building und Capacity Development". Frankfurt a.M.:  
10 Literaturstudie für die KfW Entwicklungsbank.
- 11 Kumar, Nagesh and N.S. Sidharthan. 1997. Technology, Market Structure and  
12 Internationalisation: Issues and Policies for Developing Countries, UNU/INTECH  
13 Routledge, London.
- 14 Kuruganti, K. 2004. *Arrested Development*, Greenpeace, India, 2004.  
15 [http://www.greenpeace.org/india/campaigns/sustainable-agriculture/the-arrested-](http://www.greenpeace.org/india/campaigns/sustainable-agriculture/the-arrested-development-study)  
16 [development-study](http://www.greenpeace.org/india/campaigns/sustainable-agriculture/the-arrested-development-study)
- 17 LaBelle, J. 2005 Executive Summary: How has food system become vulnerable? In  
18 Proceedings of New Perspectives on Food Security. November 12-14, 2004. pg 1-12.  
19 Clywood Centres
- 20 Lacie Thrall, 2006. "A Bit of Food Safety History" WeeklyEditorial  
21 [http://www.foodservice.com/editorials/ed\\_listing\\_detail.cfm?&article\\_id=69](http://www.foodservice.com/editorials/ed_listing_detail.cfm?&article_id=69)
- 22 Ladejinsky, L. J. (ed.). 1977. Agrarian Reform as Unfinished Business: The Selected Papers  
23 of Wolf Ladejinsky. Oxford University Press, Oxford.
- 24 Lægreid, M., Bøckman, O. C. and Kaarstad, O. 1999. Agriculture, Fertilizers and the  
25 Environment. CABI Publishing, Wallingford.
- 26 Lal, R., Uphoff, N., Stewart, B.A., Hansen, D.O. 2005. Soil Carbon Depletion and The  
27 Impending Food Crisis. CRC Press. Baton Rouge, FL. 808pp
- 28 Laird, S.A. (ed.). 2002 Biodiversity and Traditional Knowledge. Equitable partnerships in  
29 practice. Earthscan, London. pp. 228-232.
- 30 Latouche, K., Rainelli, P. and Vermersch, D.,1998. Food safety issues and the BSE scare:  
31 some lessons from the French case, *Food Policy*, Vol. 23, No. 5, pp. 347–356,  
32 Elsevier Science Ltd.
- 33 Le Buanec, B. 2005. Plant genetic resources and freedom to operate. *Euphytica* 146: 1-8.
- 34 Lee, J.W. et al. 2004. [article on chlorpyrifos and lung cancer]. *Journal of the National Cancer*  
35 *Institute*. December 2004.
- 36 Lele, U. and A.A. Goldsmith.1989. The development of national agricultural research  
37 capacity: India's experience with the Rockefeller Foundation and its significance for  
38 Africa. *Economic Development and Cultural Change*, 37, 2, 305-343.
- 39 Lenne J M & Smithson J B. 1994. Varietal mixtures: a viable strategy for sustainable  
40 productivity in subsistence agriculture. *Aspects of Applied Biology* 39 161-170
- 41 Lenteren, J.C. van, A.K. Minks and O.M.B. de Ponti (ed.) 1992. Biological Control and  
42 Integrated Crop Protection: towards environmentally safer agriculture. Pudoc,  
43 Wageningen, 239 p.
- 44 Lenteren, J.C. van. 2006. IOBC Internet Book of Biological Control [Online]. Available at  
45 <http://www.unipa.it/iobc/download/IOBC%20InternetBookBiCoVersion4>  
46 [October2006.pdf](http://www.unipa.it/iobc/download/IOBC%20InternetBookBiCoVersion4) (accessed 15 January 2007). IOBC, Wageningen.
- 47 Lenteren, J.C. van, and V.H. Bueno. 2003. Augmentative biological control of arthropods in  
48 Latin America. *BioControl* 48: 123-139.
- 49 Lesser W, Mutschler M. 2002. Lessons from the patenting of plants. In M Rotschild, S  
50 Newman, eds, *Intellectual Property Rights in Animal Breeding and Genetics*. CABI,  
51 Wallingford, Oxon, UK, pp 103–118.
- 52 Lesser, W. 2002. The effects of international property rights on foreign direct investment and  
53 imports into developing countries in the post TRIPs era. *IP Strategy Today*, 5, 3-16.  
54 Available on the World Wide Web: <http://www.biodevelopments.org/ip/index.htm>
- 55 Lesser, W. and A. Mutschler. 2004. *Balancing Investment Incentive and Social Benefits when*  
56 *Protecting Plant Varieties: Implementing Initial Variety Systems*. *Crop Sciences* 44:  
57 1113
- 58 Lesser, W. 2005. Intellectual property rights in a changing political environment: perspectives  
59 on the types and administration of protection. *AgBioForum*, 8(1&2), 64-72. Available  
60 on the World Wide Web: <http://www.agbioforum.org>.

- 1 Lewis, D. & Mosse, D., eds. 2006. Development Brokers and Translators: The Ethnography of
- 2 Aid and Agencies. Bloomfield, USA: Kumarian Press
- 3 Levy et al, 1999
- 4 Liebenthal, A. 2002. Promoting Environmental Sustainability in Development: an Evaluation of
- 5 the World Bank's Performance. World Bank Operations Evaluation Department, World
- 6 Bank, Washington D.C., 51 p. ISBN 0821350536 Texte intégral disponible sur
- 7 [www.worldbank.org](http://www.worldbank.org), access 06/12/2006.
- 8 Lightfoot, C., C. Alders, and F. Dolberg (ed.). 2002. Linking Local Learners: Negotiating new
- 9 relationships between village, district and nation. ISG/ARDAF/Agroforum, Greve,
- 10 Denmark.
- 11 Lighthall, D. 1995. Farm structure and chemical use in the corn belt. *Rural Sociology* 60 (3):
- 12 505-520.
- 13 Lionberger, H. 1960. Adoption of New Ideas and Practices. Iowa State Univ. Press, Ames.
- 14 Lionberger, H. 1986. Towards an idealised systems model for generating and utilising
- 15 information in modernising societies. p. 105-135. *In* Knowledge generation, Exchange,
- 16 and Utilization. G.M. Beal, W. Dissanayake and S. Konoshima (ed.). Westview Press,
- 17 Boulder.
- 18 Lipson, M. 1997. Searching for the "O-Word": Analyzing the USDA Current Research
- 19 Information System for Pertinence to Organic Farming. Organic Farming Research
- 20 Foundation. CA, USA.
- 21 Lipton, M. 2005. The Family Farm in a Globalizing World. The Role of Crop Science in
- 22 Alleviating Poverty. 2020 Discussion Paper 40, IFPRI, Wash. D.C.
- 23 Lipton M, and Longhurst R., 1989. New Seeds and Poor People. Unwin Hyman, London.
- 24 Loevinsohn, M.E. 1987. Insecticide Use and Increased Mortality in Rural Central Luzon,
- 25 Philippines. *The Lancet*. June 13 pp 1359-1362
- 26 Löhr, B., R. Gathu, C. Kariuki, J. Obiero and G. Gichini. 2007 (in press). Impact of an exotic
- 27 parasitoid on *Plutella xylostella* (Lepidoptera: Plutellidae) population dynamics,
- 28 damage and indigenous natural enemies in Kenya. *Bull. Ent. Res.* (vol/issue TBA).
- 29 Loomis, C.P. & J. A. Beagle. 1953. *Rural Social Systems*, Prentice Hall. New York.
- 30 Louda S., Kendall D., Conner D., Simberloff D., 1997 Ecological effects of an insect
- 31 introduced for the biological control of weeds. *Science* 277 p1088-90
- 32 Louwaars, N.P., Tripp, R., Eaton, D., Henson-Apollonio, V., Hu, R., Mendoza, M., Muhhuku, F,
- 33 Pal, S and J. Wekundah. 2005. Impacts of Strengthened Intellectual Property Rights
- 34 Regimes on the Plant Breeding Industry in Developing Countries: A Synthesis of Five
- 35 Case Studies. Study Commissioned by World Bank.
- 36 Louwaars, Niels, 2006. Controls over plant genetic resources – a double-edged sword.
- 37 *Nature Reviews Genetics* 7, 241 (April 2006) (see:
- 38 <http://www.nature.com/nrg/journal/v7/n4/full/nrg1833.html>)
- 39 Lum, K.Y. et al. 1993. Pesticide research for public health and safety in Malaysia, the
- 40 Philippines, and Thailand. In Forget G., et al. (eds) *Impact of Pesticide Use on Health*
- 41 *in Developing Countries*. Proceedings of a symposium held in Ottawa, Canada.
- 42 September 17-20. IDRC, Ottawa. Pp 31-48.
- 43 Lundvall, B. Å. (ed.). 1992. *National Innovation Systems: Towards a Theory of Innovation and*
- 44 *Interactive Learning*. Pinter Publishers, London.
- 45 Lundvall, B. Å. 2000. On the convergence and divergence of national systems of innovation.
- 46 Draft of contribution to special issue of Research Policy on Innovation systems.
- 47 <http://www.business.aau.dk/ike/upcoming/Lundvall-NSI.pdf>. 06/12/2006.
- 48 Luther, G., C. Harris, S. Sherwood, K. Gallagher, J. Mangan and K Touré Gamby. 2005.
- 49 Developments and Innovations in Farmer Field Schools and Training of Trainers. In
- 50 G.W. Norton, E.A. Heinrichs, G.C. Luther and M.E. Irwin (ed.) *Globalizing Integrated*
- 51 *pest Management: A Participatory Research Process* (pp. 159-190). Oxford: Blackwell
- 52 Science.
- 53 Lyson, T.A., 2005 Systems Perspectives on Food security. In *Proceedings of New*
- 54 *Perspectives on Food Security*. November 12-14, 2004. Pg. 65-68. Clywood Centres
- 55 Macha, M., A. Rwazo and H. Mkalanga. 2001. Retail sales of pesticides in Tanzania:
- 56 occupational human health and safety considerations. *African Newsletter on*
- 57 *Occupational Health and Safety* 11(2): 40-42.
- 58 Macharia, P. N. 2004. Community based interventions as a strategy to combat desertification
- 59 in the arid and semi-arid rangelands of Kajiado District, Kenya. *Environmental*
- 60 *Monitoring and Assessment* 99: 141-147.

- 1 Macharia, I., D. Mithoefer, and B. Löhr. 2006 (in press). Update of the ex-ante impact  
2 assessment of the biological control of *Plutella xylostella* (Diamondback moth) in  
3 Kenya. In T. Shelton (ed.) 2006. Proceedings of the 5th International Workshop on  
4 Diamondback Moth and Other Crucifer Insect Pests, Oct. 24-27, 2006, Beijing, China.
- 5 Macharia, I., B. Löhr, and H. De Groote. 2005. Assessing the potential impact of biological  
6 control of *Plutella xylostella* (diamondback moth) in cabbage production in Kenya.  
7 Crop Prot 24: 981-989.
- 8 Maathai, Wangari. 2003. Green Belt Movement: Sharing the Approach and the Experience.  
9 New York: Lantern Books.
- 10 Malik, R.K., 2004. Zero tillage: a blessing in disguise? Herbicide resistance looms as major  
11 threat. Paper to 4th. International Crop Science Congress. Available at:  
12 [http://www.cropscience.org.au/icsc2004/a/media/cs040928\\_tillage.htm](http://www.cropscience.org.au/icsc2004/a/media/cs040928_tillage.htm)
- 13 Malik R.K. 1981. "Food a priority for consumer protection in Asia and the Pacific region." Food  
14 and Nutrition, 7:2.
- 15 Mancini, F. 2006. Impact of integrated pest management farmer field schools on health,  
16 farming systems, the environment, and livelihoods of cotton growers in Southern India.  
17 Published PhD, Wageningen University Research, Wageningen, 112 p. ISBN  
18 9085043883 Complete text available at [www.wur.nl](http://www.wur.nl), access 06/12/2006.
- 19 Mancini, F. 2006 An Evaluation of Farmer Field Schools in the Cotton Areas of Southern  
20 India: Impacts on farmers' health, the environment, labour use, farming systems, and  
21 livelihoods. Published PhD. Wageningen University Research. Wageningen.
- 22 Mancini, F., van Bruggen, A., Jiggins, J. 2007. Evaluating Cotton Integrated Pest  
23 Management (IPM) Farmer Field School Outcomes Using a Sustainable Livelihoods  
24 Approach in India. Experimental Agriculture 43: 97-112.
- 25 Mangan, J. and M. Mangan. 1998. A Comparison of Two IPM Training Strategies in China:  
26 the Importance of concepts of the rice ecosystem for sustainable insect pest  
27 management. Agriculture and Human Values 15:209-221.
- 28 Maredia, M. K., and D. A. Raitzer. 2006. CGIAR and NARS partner research in sub-Saharan  
29 Africa: evidence of impact to date [Online]. Available at  
30 [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)  
31 (verified 1 March 2007). CGIAR Science Council, Washington, DC.
- 32 Marsden, T., J. Banks, and G. Bristow. 2003. The social management of rural nature:  
33 understanding agrarian-based rural development. Environment and Planning 34: 809-  
34 825.
- 35 Martinez-Torres, M. 2006. Organic Coffee: Sustainable Development by Mayan Farmers.  
36 Ohio University Press.
- 37 Marvier, M. and R. C. Van Acker. 2005. Can crop transgenes be kept on a leash? *Front Ecol*  
38 *Environ* 2005; 3(2): 93-100
- 39 Master, W.A. 2003. 'Research Prices: a mechanism for innovation in African Agriculture,' 7<sup>th</sup>  
40 ICABR International Conference on Public Goods and Public Policy for Agricultural  
41 Biotechnology. Ravello, Italy.
- 42 Mathews, K.Jr. and Buzby, J., 2001, Dissecting the Challenges of Mad Cow & Foot-and-  
43 Mouth Disease, Economic Research Service/USDA, Agricultural Outlook/August .
- 44 Mathews, S., Shah, R. and R. Steiner. 2006. Agricultural Productivity and Development:  
45 Preliminary Analysis and Proposal for Initial Investments. Gates Foundation Report.
- 46 Mattera, P. 2004. USDA Inc.: How Agribusiness has Hijacked Regulatory Policy at the U.S.  
47 Department of Agriculture. Corporate Research Project, Good Jobs First. Washington  
48 DC. 40 pp.
- 49 Matteson P. C., Gallagher K. D. and Kenmore P. E. 1994. Extension of integrated pest  
50 management for planthoppers in Asian irrigated rice: Empowering the user. In: Denno  
51 R. F. and Perfect T. J. (eds) Ecology and Management of Planthoppers. Chapman  
52 and Hall, London. p. 656-668.
- 53 Matthews J. 1999. Power shift. The non-governmental order: will NGOs democratise or  
54 merely disrupt global governance? Economist, December 9, 1999.
- 55 Matthews G., Wiles T. and Baleguel P. 2003. A survey of pesticide application in Cameroon.  
56 Crop Protection 22, 707-714.
- 57 Maunder, A. H. 1972. Agricultural Extension. A Reference Manual. FAO, Rome.
- 58 Maurya, D.M., Bottrall, A., Farrington, J. 1988. "Improved livelihoods, genetic diversity and  
59 farmer participation: a strategy for rice breeding in rainfed areas of India".  
60 Experimental Agriculture, Vol. 24, pp311-320.

- 1 Mazoyer M., 2005. Développement agricole inégal et sous-alimentation paysanne in La
- 2 fracture agricole et alimentaire mondiale, nourrir l'humanité aujourd'hui et demain.
- 3 Mazoyer, Roudard Eds. Encyclopediae Universalis Paris.
- 4 Mazoyer M., Roudard L., 2005. Brève histoire des agricultures du monde in La fracture
- 5 agricole et alimentaire mondiale, nourrir l'humanité aujourd'hui et demain. Mazoyer,
- 6 Roudard Eds. Encyclopediae Universalis Paris.
- 7 Mc Connell, R. and Hruska, A. J. 1993. An epidemic of pesticide poisoning in Nicaragua:
- 8 Implication for prevention in developing countries. *American Journal of Public Health*
- 9 83(11), 1559-1562
- 10 Mc Connel, R. and Magnotti, R. 1994. Screening for insecticide overexposure under field
- 11 conditions: a reevaluation of the tintometric cholinesterase kit. *American Journal of*
- 12 *Public Health* 84, 479-481
- 13 Mc Connell, R. et al. 1999a. Organophosphate neuropathy due to methamidophos:
- 14 biochemical and neurophysiological markers. *Archives of Toxicology* 73,296-300
- 15 McFadyen, R.C. 1998. Biological control of weeds. *Annu. Rev. Entomol.* 43:369-393.
- 16
- 17 McGowan, L. 1997. *Democracy Undermined, Economic Justice Denied: Structural*
- 18 *Adjustment and the Aid Juggernaut in Haiti.* The Development Gap: Washington DC.
- 19 Meinzen-Dick R, Adato M, Haddad L, Hazell P. 2004. Science and Poverty, An
- 20 interdisciplinary Assessment of the Impact of Agricultural Research. International
- 21 Food Policy Research Institute, Washington DC.
- 22 Meir, C. and S. Williamson. 2005. Farmer Decision-making for Ecological Pest
- 23 ManagementP. 82-96 in Pretty, J. ed. *The Pesticide Detox: Towards A More*
- 24 *Sustainable Agriculture.* Earthscan: London, Sterling.
- 25 Mekonnen, Y. and Agonafir, T. 2002. Effects of pesticide applications on respiratory health of
- 26 Ethiopian farm workers. *International Journal of Occupational and Environmental*
- 27 *Health* 8(1), 35-40
- 28 Mellon M, Rissler J (2004) Gone to seed: transgenic contaminants in the traditional seed
- 29 supply. Cambrige, MA: Union of Concerned Scientists.
- 30 [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)
- 31 Mellor, J.W. 1990. Global Food Balances and Food Security. In *Agricultural Development in*
- 32 *the Third World*, 2nd edition, Edited by Carl K. Eicher & John M. Staatz, The Johns
- 33 Hopkins University Press, London
- 34 Mendelsohn, R. 2000. The market value of farmers' rights. In *Agriculture and intellectual*
- 35 *property rights: Economic, institutional and implementation issues in biotechnology*,
- 36 ed. V. Santaniello, R. E. Evenson, D. Zilberman, and G. A. Carlson. CABI Publishing,
- 37 Wallingford UK.
- 38 Menezes, F. 2001. Food Sovereignty: A vital requirement for food security in the context of
- 39 globalization. Thematic Section: Putting People Centre Stage. The Society for
- 40 International Development. SAGE Publications (London, Thousand Oaks,. CA and
- 41 New Delhi). 1011-6370 (200112) 44:4;29-33; 020146
- 42 Mera-Orces V. 2000. Agroecosystems Management, Social Practices and Health: A Case
- 43 Study on Pesticide Use and Gender in the Ecuadorian Highlands. A Technical Report
- 44 to the IDRC. Canadian-CGIAR Ecosystem Approaches to Human Health Training
- 45 Awards with a particular focus on gender. 39pp.
- 46 Merino R. and Cole D. C. 2003. Presencia de plaguicidas en el trabao agricola, en los
- 47 productos de consumo, y en el hogar. In Yanggen D., Crissman C. C. and Espinosa P.
- 48 (eds) *Los Plaguicidas. Impactos en produccion, salud y medio ambiente en Carchi*,
- 49 Ecuador. CIP, INIAP, Ediciones Abya-Yala, Quito, Ecuador. Pp71-93.
- 50 Merrill-Sands, D., S.D. Biggs, R.J. Bingen, P.T. Ewell, J.L. McAllister and S. V. Poats, 1991,
- 51 Integrating On-farm Research into National Agricultural Research Systems: Lessons
- 52 for Research Policy, Organization and Management, Chapter 15, pp.287-316 in R.
- 53 Tripp (ed), *Planned Changes in Farming Systems: Progress in On-farm Research.*
- 54 Chichester: John Wiley and Sons
- 55 Merton, R.K. 1957. *Social Theory and Social Structure.* The Free Press. Glencoe
- 56 Merton, R. K. 1968. The Matthew effect in science: The reward and communication systems
- 57 of science are considered. *Science* 159: 56-63.
- 58 Millar, D. 1996. Footprints in the Mud: Re-constructing the diversities in rural people's learning
- 59 processes. Published PhD. Thesis. Wageningen Agriculture University. Wageningen.
- 60 Millar, D., Kendie, S.B., Apisigah, A., and Haverkort, B. Eds. 2006. *African Knoweldges and*

- Sciences. Understanding and supporting the ways of knowing in Sub-Saharan Africa. COMPAS, Leusden, Netherlands; University for Development Studies, Navrongo, Ghana; University of Cape Coast, Cape Coast, Ghana.
- Miller S. 1982. The Effects of Weed Control Technology Change on Communities, Outlook on Agriculture, Vol. 11, No.4, P.172.
- Miranda, J. et al. 2002a. Onset of grip- and pinch- strength impairment after acute poisoning with organophosphate insecticides. *International Journal of Occupational and Environmental Health* 8(1), 19-26.
- Miranda, J. et al. 2002b. Tactile vibration thresholds after acute poisonings with organophosphate insecticides. *International Journal of Occupational and Environmental Health* 8(3), 212-219.
- Mkumbira, J. 2002. Cassava Development for Small Farmers. Approaches to breeding in Malawi. Published PhD thesis. Agraria 365. Swedish University of Agricultural Sciences. Uppsala.
- Mkumbira, J., Chiwona-Karltun, L., Lagercrantz, U., Mahungu, N. M., Saka, J., Mhone, A., Bokanga, M., Brimer, L., Gullberg, U., Rosling, H. 2003. Classification of cassava into 'bitter' and 'cool' in Malawi: From farmers' perception to characterisation by molecular markers. *Euphytica* 132: 7-22.
- Mock, P. 1976. The efficiency of women as farm managers: Kenya. *Amer. J. Agric. Econ.* 58: 831-835.
- Mol, A.P.J., Bulkeley, H. 2002. Food Risks and the Environment: Changing Perspectives in a Changing Social Order. *Journal of Environmental Policy and Planning*. 4: 185-195
- Mollison, B. 1988. *Permaculture: A Designer's Manual*. Tagari Publications, Tyngum, Australia.
- Moore, D. 2004. Biological control of *Rastrococcus invadens*. *Biocontrol News and Information* 25(1):17N-27N. Available at <http://www.pestscience.com/PDF/BNIra67.PDF> (verified 1 March 2007). CABI Bioscience, Surrey, UK.
- Morales, J.A. 1991. Structural adjustment and peasant agriculture in Bolivia. *Food Policy* 16: 58-66.
- Morgan, P and H. Baser .1993.. Making Technical Cooperation More Effective. New Approaches in International Development. Hull: CIDA, Technical Cooperation Division.
- Morris, M., 1998. *Maize Seed Industries in Developing Countries*. Lynne Rienner Publishers, Boulder, Colorado.
- Morris, M and Ekasingh, B., 2001. Plant breeding research in developing countries: what roles for the public and private sectors. In: Byerlee, D., Echeverria, R. (Eds.), *Agricultural Research Policy in an Era of Privatization: Experiences from the Developing World*. CABI, Wallingford, UK.
- Morse, S. and W. Buhler, 1997. *Integrated Pest Management: Ideals and Realities in Developing Countries*, Lynne Rienner, Boulder, 171pp.
- Morss, E. R., J.K. Hatch, D.R. McElewail and C.F Sweet. 1976. "Strategies for Small Farmer Development. An Empirical Study of Rural Development Projects in Gambia, Ghana, Kenya, Lesotho, Nigeria, Bolivia, Colombia, México, Paraguay and Peru. Westview Press, Boulder.
- Moschini, G. and Lapan, H. 1997. Intellectual property rights and the welfare effects of agricultural R&D. *American Journal of Agricultural Economics*, 79, 1229-42.
- Mosher, A. T. 1966. *Getting Agriculture Moving: Essentials for development and modernization*. Parts I & II. Agricultural Development Council, New York.
- Mosse, David, 2005, *Cultivating Development: An Ethnography of Aid Policy and Practice*, London: Pluto Press
- Moussesau, F. 2005. Food Aid or Food Sovereignty? Ending World Hunger in Our Time. The Oakland Institute, Oakland CA.
- Mowery, D. C. and B.N. Sampat. 2004. Universities in National Innovation Systems. In: *The Oxford handbook of innovation*. J. Fagerberg, D.C. Mowery, and R.R. Nelson. (eds.). Oxford University Press, Oxford, pp. 209-239.
- [http://www.globelicsacademy.net/pdf/DavidMowery\\_1.pdf](http://www.globelicsacademy.net/pdf/DavidMowery_1.pdf), access 06/12/2006.
- MSU. 2000. The Database of Arthropods Resistant to Pesticides. Michigan State University. Available at [www.cips.msu.edu/resistance](http://www.cips.msu.edu/resistance) (verified 1 March 2007). MSU, East Lansing, Michigan.
- Mudimu, G.D., S. Chigume and M. Chikanda. 1995. Pesticide Use and Policies in Zimbabwe.



- Pesticide Policy Project Publication Series no. 2, Institut für Gartenbauökonomie, University of Hanover, Germany. 30 pp.
- Mukherjee, S. and V. Kathuria. 2006. Is economic growth sustainable? Environmental Quality of Indian States after 1991. *Int. J. Sustainable Development* 9:1. 38-60
- Mulatu, E. and Zelleke, H. 2002. Farmers' highland maize (*Zea mays* L.) selection criteria: Implication for maize breeding for the Hararghe highlands of eastern Ethiopia. *Euphytica* 127: 11-30.
- Muntemba, S., and R. Chimedza. 1995. Women spearhead food security. In *Missing Links: Gender Equity in Science and Technology for Development*. IDRC-ITDG Publishing. Available at [http://www.idrc.ca/en/ev-29519-201-1-DO\\_TOPIC.html](http://www.idrc.ca/en/ev-29519-201-1-DO_TOPIC.html).
- Murphy, B.C., J.A. Rosenheim, J. Granett, C.H. Pickett and R.V. Dowell. 1998. Measuring the impact of a natural enemy refuge: The prune tree/vineyard example. In Pickett, C.H. and R.L. Bugg, Eds. *Enhancing Biological Control: Habitat Management to Promote Natural Enemies of Agricultural Pests*. University of California Press, Berkeley, CA. pp. 297-309.
- Murray D. L. 1994. *Cultivating Crisis: The Human Cost of Pesticides in Latin America*. University of Texas Press, Austin.
- Murray D. L. and Taylor P. L. 2000. Claim no easy victories: evaluating the pesticide industry's global safe use campaign. *World Development* 28 (10), 1735-1749.
- Murray, D. et al. 2002. Surveillance of pesticide related illness in the developing world: putting the data to work.
- Mytelka, L.K. 2000. Systems of innovation in globalised world economy. *Industry and innovation* 7: ?.
- Naibakelao, D. 2000. The SAFE initiative: challenges and opportunities. In: *Proceedings of Workshop on Bringing African Universities and Colleges More into Agricultural Development*, Accra and Cape Coast University, Ghana.
- Nagendra, H., Karmacharya, M., and Karna, B. 2005. Evaluating forest management in Nepal: Views across space and time. *Ecology and Society* 10: 1.
- Nash, R. 1989. *The Rights of Nature: A History of Environmental Ethics* (Madison: University of Wisconsin Press, Nature. 2001. Is the university-industrial complex out of control? *Nature* 409: 119.
- National Resources Conservation Service (NRCS). 2001. Pest Management Policy, 190-GM, Amend. 6, November.
- National Research Council. 1989. *Alternative Agriculture*. National Academy of Sciences, Washington DC. 448 pp. P, 3, 15, p. 223-224.
- Nature Biotechnology. 2004. Drugs in crops – the unpalatable truth. *Nat Biotechnol* 22: 133.
- Naylor, R, Falcon, W.P., Goodman R.M., Jahn, M.M, Sengooba, T., Tefera, H., and Nelson, R.J. 2004. Biotechnology in the developing world: a case for increased investments in orphan crops. *Food Policy* 29: 15-44.
- Naylor, R. and Falcon W.P. (2005) Rethinking Food Security for the 21st Century. *American Journal of Agricultural Economics* 87:1113-1127.
- Nazarko O., Schoofs A., Van Acker R. C., Entz M., Derksen D., Martens G. and Andrews T. 2002. Pesticide-Free Production. *Pesticide Outlook* 13 (3), 116-118.
- Nelkin, Dorothy. 1975. Changing Images of Science: New Pressures on Old Stereotypes. *Newsletter of the Program on Public Conceptions of Science*, 14: 21-31.
- Network of Concerned Farmers 2004. Contamination is uncontrollable, 07 January , {[http://www.non-gm-farmers.com/news\\_details.asp?ID=2833](http://www.non-gm-farmers.com/news_details.asp?ID=2833)}
- Neuenschwander, P. 1993. Human interactions in classical biological control. In M. Altieri (ed.) *Crop Protection Strategies for Subsistence Farmers*. Boulder and San Francisco. Westview Press, London: IT Publications.
- Neuenschwander, P., C. Borgemeister, and J. Langewald (ed.) 2003. *Biological Control in IPM Systems in Africa*. CABI Publishing, Wallingford, UK, 414 pp.
- Neuenschwander, and Markham. 2001. Biological Control in Africa and its Possible Effects on Biodiversity. p. 127 – 146. In E. Wajnberg, J.K. Scott, and P.C. Quimby (ed.) *Evaluating Indirect Ecological Effects on Biological Control*. CABI Publishing, Wallingford.
- Newell, P. and J. Wheeler. Eds. 2006. *Rights, Resources and the Politics of Accountability*. ZED Books. London. Niangado O., Scheuring J. F. Yudelman M.. 1995 . *A Private Sector Foundation's Support to Developing Country Agricultural Research*.



- 1 International Service for National Agricultural Research: 20.
- 2 Nguyen H. H., Dao T. A., 2001, "Vietnam promotes solutions to pesticide risks", Pesticides
- 3 News No. 53, September, p. 6-7.
- 4 Nielsen, H. 2002. Danish success with pesticide action plans. Pesticides news 57, p. 10.
- 5 Noble, D. 1977. America by Design. Oxford University Press, New York.
- 6 Norgaard, R.B. 1988. The Biological Control of Cassava Mealybug in Africa. American
- 7 Journal of Agricultural Economics. 70: 366-371.
- 8 NRC (National Research Council). 2004. Biological confinement of genetically engineered
- 9 crops. Washington, DC: The National Academies Press.
- 10 Nwokeabia, H. 2001. Why Industrial Revolution Missed Africa: a traditional knowledge
- 11 perspective. Addis Ababa. Ethiopia. ECA.
- 12 OAU (Organization of African Unity). 2000. African model legislation for the protection of the
- 13 rights of local communities, farmers and breeders, and for the regulation of access to
- 14 biological resources. OAU Model Law, Algeria 2000. At
- 15 <http://www.grain.org/brl/oaumodel-law-en.cfm>.
- 16 OCA Organic Consumers Association, 2006. Global Week of Action Against Food Irradiation,
- 17 Statement of Food & Water Watch. Executive Director Wenonah Hauter, Food and
- 18 Water Watch, Nov. 28.
- 19
- 20 O'Connor, M. 2006. The AICCAN, the geGDP, and the Monetisation Frontier: a typology of
- 21 'environmentally adjusted' national sustainability indicators. Int. J. Sustainable
- 22 development. 9:1 61-99
- 23 OECD. 2006. OECD SERIES ON PESTICIDES Number 30. Report of the OECD Pesticide
- 24 Risk Reduction Steering Group: The Second Risk Reduction Survey.
- 25 OECD, 2001. Multifunctionality: Towards an Analytical Framework. OECD. Paris.
- 26 Oosterheld, M., Semmartin, M., Hall, A.J. 2002. Análisis bibliográfico de la investigación
- 27 agronómica en la Argentina. In Ciencia Hoy 12, 52-62. Buenos Aires. Ojiem, J.O., de
- 28 Ridder, N., Vanlauwe, B., Rowe, E.C., Giller, K.E., 2006. Socio-ecological niche: A
- 29 conceptual framework for integration of legumes in smallholder farming systems. Int. J.
- 30 Sust. Agric. in press.
- 31 Ojiem, J.O., de Ridder, N., Vanlauwe, B., Rowe, E.C., Giller, K.E., 2006. Socio-ecological
- 32 niche: A conceptual framework for integration of legumes in smallholder farming
- 33 systems. Int. J. Sust. Agric. in press.
- 34 Okoth, J., G. Khisa and J. Thomas. 2003. Towards Self-Financed Farmer Field Schools.
- 35 LEISA, March 2003, Vol 19 (1): 28-29.
- 36 Ooi, P. 1998. Beyond the Farmer Field School: IPM and Empowerment in Indonesia.
- 37 International Institute for Environment and Development (IIED) Gatekeeper Series
- 38 No. 78. London. 16 pp. (Originally presented at the *International Conference of IPM -*
- 39 *Theory and Practice, Developing Sustainable Agriculture*, Guangzhou, China June 15
- 40 - 20, 1998)
- 41 Organic Farming Research Foundation. 1998. Third Biennial National Organic Farmers'
- 42 Survey. OFRF, Santa Cruz, CA.
- 43 Organization for Economic Co-operation and Development (OECD). 1983. Aid to Food and
- 44 Agriculture: A Permanent Challenge. OECD OBSERVER.no.125.
- 45 Organization for Economic Co-operation and Development (OECD). 2001. Multifunctionality:
- 46 Towards an Analytical Framework. OECD, Paris.
- 47 Oshaug, A. 2005. Developing Voluntary Guidelines for Implementing the Right to Adequate
- 48 Food"Anatomy of a Intergovernmental Process. Chapter 11, pp 259-282, in W.B. Edie
- 49 and U. Kracht. Eds. Food and Human Rights in Development. Volume I: Legal and
- 50 institutional dimensions and selected topics. Intersentia N.V. Antwerp.
- 51 Oshaug, A. and W.B.Eide. 2003. The long process of giving consent to an economic., social
- 52 and cultural right: twenty-five years with the case of the right to adequate food.
- 53 Chapter XIII, pp 325-369, in M. Bergsmo. Ed. Human Rights and Criminal Justice for
- 54 the Downtrodden. Essays in Honour of Asbjørn Eide. Marinus Nijhoof Publishers.
- 55 Leiden and Boston.
- 56 Oshaug, A., W.B. Eide, and A. Eide. 1994. Human rights: a normative basis for food and
- 57 nutrition-relevant policies. Food Policy. 19:6, 491-516
- 58 Oxfam America. 1995. *The Impact of Structural Adjustment on Community Life: Undoing*
- 59 *Development*. Oxfam: Boston. June.

- 1 PAN Europe. 2003. Worst ever level of residues in grapes in discount supermarkets. *PAN*
- 2 *Europe Newsletter* 15, 3.
- 3 PANNA. 1996. Joint letter to World Bank President James Wolfensohn from more than 180
- 4 organizations and concerned individuals from around the world. Nov 8, 1996.
- 5 Available at: <http://www.panna.org/campaigns/worldBank.html>.
- 6 Paarlberg, R.L. 2002. Governance and Food Security in an Age of Globalization. Food,
- 7 Agriculture, and the Environment Discussion paper 36. International Food Policy
- 8 Research Institute 2033 K Street, NW Washington, DC 20006-1002 USA
- 9 Parades M. 2001. We are like the fingers of the same hand: Peasants' heterogeneity at the
- 10 interface with technology and project intervention in Carchi, Ecuador. MSc thesis.
- 11 Wageningen, The Netherlands: Wageningen University.
- 12 Pardey, P.G. and Beintema, N.M., 2001. Slow Magic: Agricultural R&D a Century After
- 13 Mendel. Agricultural Science and Technology Indicators Initiative. International Food
- 14 Policy Research Institute. Washington, D.C.
- 15 Pardey P, Koo B. and Nottenberg C. 2003 Creating, protecting and using crop
- 16 biotechnologies worldwide in an era of intellectual property. In WIPO/UPOV
- 17 Symposium on Intellectual Property Rights in Plant Biotechnology. Geneva, October
- 18 23. WIPO: Geneva.
- 19 Pardey, P. G., N. M. Beintema, S. Dehmer, and S. Wood. 2006a. Agricultural research: A
- 20 growing global divide? IFPRI Food Policy Report. Washington, D.C.: International
- 21 Food Policy Research Institute (draft version).
- 22 Pardey, P. G., J. M. Alston and R. R. Piggott (eds.). 2006b. Agricultural R&D in the
- 23 Developing World Too Little, Too Late? International Food Policy Research Institute
- 24 (IFPRI).
- 25 Pardey, P. G., J. M. Alston and R. R. Piggott (eds.). 2006c. Shifting Ground: Agricultural R&D
- 26 Worldwide. Issue Brief No. 46. International Food Policy Research Institute (IFPRI).
- 27 Parrado-Rosselli, A. 2006. A participatory research approach for studying fruit availability and
- 28 seed dispersal. In *Fruit Availability and Seed Dispersal in Terra Firme Rain Forests of*
- 29 *Colombian Amazon*. Chapter 7. Tropenbos PhD series 2. Wageningen. Tropenbos
- 30 International.
- 31 Paulson, D.D. 1995. Minnesota Extension agents' knowledge and views of alternative
- 32 agriculture. *American Journal of Alternative Agriculture* 10(3):122-128.
- 33 Pawar, C. S. 2002. IPM & Plant Science Industries in India [Online]. Available at
- 34 [http://www.croplifeasia.org/ref\\_library/ipm/IPM\\_PSI.PDF](http://www.croplifeasia.org/ref_library/ipm/IPM_PSI.PDF) (verified 1 March 2007).
- 35 Agrolinks, Croplife Asia, Bangkok, Thailand.
- 36 Pearce, F. 2006. When the rivers run dry : water - the defining crisis of the twenty-first
- 37 century. Beacon Press, Boston, 324 p. ISBN 0807085723
- 38 Peeters, J. P. and J. T. Williams. 1984. Towards better use of genebanks with special
- 39 reference to information. *Plant Genetic Resources Newsletter* 60: 22-32.
- 40 Pehu, E. 2005.
- 41 Pemsl, D., H. Waibel, A.P. Gutierrez. 2005. Why do some Bt-cotton farmers in china continue
- 42 to use high levels of pesticides? *Intl J Agric Sustainability*. Vol. 3 (1):44-56.
- 43 Pemsl, D, Waibel, H, abd A.O. Gutierrez. 2005. Why do some Bt-cotton farmers in China
- 44 continue to use high levels of pesticides? *Interntaional Journal of Sustainability* 3: 44-
- 45 56.
- 46 Pengue, W.A. 2005. Transgenic Crops in Argentina: The Ecological and Social Debt. *Bulletin*
- 47 *of Science, Technology & Society*, Vol. 25: 314-322
- 48 People's Food Sovereignty Network, 2002
- 49 Petit, M., 1975 "Farmers' adoption of technical innovations", *European Review of Agricultural*
- 50 *Economics*, 3 (2/3).
- 51 Petit, M. J., G. E. Alex, H. Blackburn, W. Collins, J.J. Doyle, R.D. Freed, F. Heidhues, U.J.
- 52 Lele, G.J. Persley, and H.A. Rouille D'Orfeuil. 1996. The emergence of a global
- 53 agricultural research system. The role of the Agricultural Research and Extension
- 54 Group (ESDAR). World Bank, Washington D.C., 13 p.
- 55 Phillips, M., and J. McDougall. 2003. The cost of new agrochemical product discovery,
- 56 development and registration in 1995 and 2000. Final report, a consultancy study for
- 57 CropLifeAmerica and the European Crop Protection Association, Pathhead UK, April.
- 58 Pimbert, M.P. and T. Wakeford. 2002. Prajateerpu: A Citizen's Jury/Scenario Workshop on
- 59 Food and Farming Futures for Andhra Pradesh, India. London, IIED and Sussex, IDS.

- 1 Pimentel, D. et al. 1992. Environmental and Economic costs of pesticide use. *Bioscience* 42 :  
2 750-760
- 3 Pimentel, D. et al. 1993. Assessment of environmental and economic impacts of pesticide  
4 use. p. 47-84. In D. Pimentel & H. Lehman (ed.). *The Pesticide Question:*  
5 *Environment, Economics, and Ethics*. New York & London. Pontius, J., R. Diltz, A.  
6 Bartlett. 2002. *From Farmer Field Schools to Community IPM: Ten Years of IPM*  
7 *Training in Asia*. Bangkok: FAO, Regional Office for Asia and the Pacific.
- 8 Pimentel, D., U. Stachow, D. A. Takacs, H. W. Brubaker, A. R. Dumas, J. J. Meaney, J. A. S.  
9 O'Neal, D. E. Onsi, and Corzilius, D.B.. 1992. Conserving biological diversity in  
10 agricultural/forestry systems. *BioScience* 42: 354-362.
- 11 Pimbert, M., Tran-Thanh, T., Deléage, E., Reinert, M., Trehet, C., and E. Bennet.eds.  
12 *Farmers' Views on the Future of Food and Small Scale Producers*. Summary of an  
13 electronic conference, 14 April to 1 July, 2005. IEED. London.
- 14 Pingali PL, Traxler G. 2002. Changing locus of agricultural research: Will the poor benefit  
15 from biotechnology and privatization trends? *Food Policy* 27: 223-228
- 16 Plencovich, M.C.; Costantini, A.; Bocchicchio, A.; Frascina, A; Vilella, F. 2005. "Territorio,  
17 educación e identidad local: los avatares de las escuelas agropecuarias", in IV  
18 Jornadas de Investigación en Educación. Universidad Nacional de Córdoba.
- 19 Plencovich M.C., A. Bocchicchio, A. Ayala Torales, R. Golluscio, G. Jaurena and M. Aguiar.  
20 2007. How to design research projects in agricultural sciences. Buenos Aires:  
21 Hemisferio Sur. ( In press).
- 22 Plog B. A., Niland J., Quinlan P. J. and Plogg H. (eds) 1996. *Fundamentals of Industrial*  
23 *Hygiene*. 4th ed. Ithaca, NY. National Safety Council. 1011pp.
- 24 Polanyi, M. 1958. *Personal Knowledge. Towards a Post Critical Philosophy*. Routledge,  
25 London.
- 26 Pontius, J et.al. 2001. *From Farmer Field Schools to Community IPM: Ten Years of IPM*  
27 *Training in Asia*. Accessed at  
28 <http://www.communityipm.org/docs/10%20Years%20of%20IPM/10Years-Main.htm>
- 29 Powell, N. & J. Jiggins. 2003. Learning from participatory land management. Chapter 4 in H.A.  
30 Becker & F. Vanclay. *The International Handbook of Social Impact Assessment*.  
31 Edward Elgar Publishing Ltd., Cheltenham, U.K. pp42-55
- 32 Pray, C. E. and D. Umali-Deininger. 1998. The private sector in agricultural research systems:  
33 will it fill the gap? *World Development* (Oxford), 26, 6, 1127-1148.
- 34 Pray C & Schimmelpfennig D. 2001. The role of biotechnology in South Africa's agriculture.  
35 Department of Agriculture Food and Resource Economics Working Paper (Rutgers  
36 University, New Brunswick NJ).
- 37 Pray, C.E., A. Courtmanche & R. Govindasamy, 2002. The Importance of Intellectual Property  
38 Rights in the International Spread of Private Sector Agricultural Biotechnology. Paper  
39 presented at the 6th Annual Conference of the International Consortium on  
40 Agricultural Biotechnology Research (ICABR), Ravello, July 11-14, 2004. 43 p.
- 41 Pray, C.E., Oehmke, J.F., and Naseem, A. 2005. Innovation and Dynamic Efficiency in Plant  
42 Biotechnology: An Introduction to the Researchable Issues. *AgBioForum* 8: 52-63.
- 43 Pretty J. 2002. *Agri-Culture: Reconnecting people, Land and Nature*. Earthscan, London.
- 44 Pretty J. N. 2001. The rapid emergence of genetic modification in world agriculture: contested  
45 risks and benefits. *Environmental Conservation* 28 (3), 248-262.
- 46 Pretty, J. 1999. Can sustainable agriculture feed Africa? New evidence on progress,  
47 processes and impacts. *Environ. Dev. Sust.* 1:253-274.
- 48 Pretty, J. 1998. *The Living Land: Agriculture, Food and Community Regeneration in Rural*  
49 *Europe*. Earthscan, London, 336 pp.
- 50 Pretty J. N. 1995. *Regenerating Agriculture: Policies and Practice for Sustainability and Self-*  
51 *Reliance*. Earthscan, London; National Academy Press, Washington.
- 52 Pretty, J.N., 1994, Alternative systems of inquiry for sustainable agriculture, *IDS Bulletin*, 25  
53 (2), pp. 37-48
- 54 Pretty, J. ed. 2005. *The Pesticide Detox. Towards a More Sustainable Agriculture*. Earthscan.  
55 London.
- 56 Pretty, J and Hine, R. 2005. Pesticide Use and the Environment in Pretty, J. ed. *The Pesticide*  
57 *Detox: Towards A More Sustainable Agriculture*. Earthscan: London, Sterling.
- 58 Pretty, J. N., A.S. Ball, T. Lang and J.I.L Morison. 2005. Farm costs and food miles: An  
59 assessment of the full cost of the UK weekly food basket. *Food Policy* 30 : 1-19.
- 60 Pretty, J.N. and H. Waibel. 2004

- 1 Pretty, J., J. Morison, R. Hine. 2003. Reducing food poverty by increasing agricultural
- 2 sustainability in developing countries. *Agric, Ecosys and Envir* 95:217-234.
- 3 Pretty, J. and R. Hine. 2000. The promising spread of sustainable agriculture in Asia. *Natur.*
- 4 *Resour. Forum (UN)* 24: 107-121.
- 5 Pumisacho, M. y S. Sherwood. 2006. Guia Metodologic sobre ECAs. Escuela de Campo de
- 6 Agricultores. INIIAP/CIP/World Neighbours.
- 7 Quaim M. and Traxler G. 2005. Roundup Ready soybeans in Argentina: farm level and
- 8 aggregate welfare effects. *Agricultural Economics*. Blackwell Publishing, Boston, USA:
- 9 2005. 32: 1, 73-86. 32
- 10 Quaim M and Traxler G 2002. Round-up Ready soybeans in Argentina: farm level
- 11 environment and welfare effects. International Conference on Agricultural
- 12 Biotechnology Research, Ravello, Italy 11-14<sup>th</sup> July 2002.
- 13 Quiros, C. F., Ortega, R., Van Raamsdonk, L., Herrera-Montoya, M., Cisneros, P., Schmidt,
- 14 E., and Brush, S. B. 1992. Increase of potato genetic resources in their center of
- 15 diversity: The role of natural outcrossing and selection by the Andean farmer. *Genetic*
- 16 *Resources and Crop Evolution* 39:107-113.
- 17 Quizon J., Feder G. and Murgai R. 2000. *A Note on the Sustainability of the Farmer Field*
- 18 *School Approach to Agricultural Extension*. Washington: The World Bank,
- 19 Development Economics Group.
- 20 Ragsdale N. et al. 1991. Health and Environmental Factors Associated with Agricultural Use
- 21 of Fungicides, National Agricultural Pesticide Impact Assessment Program,
- 22 <http://cipm.ncsu.edu/piappud/>.
- 23 Rastogi, S.K. et al. 1989. Study of respiratory impairment among pesticide sprayers in mango
- 24 plantations. *American Journal of Industrial Medicine* 16(5), 529-538
- 25 Readings, B. 1996. The University in Ruins. Cambridge, MA: Harvard University Press.
- 26 Reeves, M., Katten, A., Guzman, M. 2002. Pesticide safety laws fail to protect farmworkers in
- 27 *Field of Poison*, SF: PANNA. Available at [www.panna.org](http://www.panna.org).
- 28 Reeves, T. G. and Cassaday, K. 2002. History and past achievements of plant breeding.
- 29 *Australian Journal of Agricultural Research* 53: 851-863 2002.
- 30 Regional Office for Europe of the Food and Agriculture Organization of the United Nations
- 31 (FAO). 2005. Annotated Bibliography and Stage-wise Analysis of Participatory
- 32 Research Programmes in Agriculture and Natural Resource Management. FAO,
- 33 Rome. November.
- 34 Regulation (EC) No 1831/2003 of the European Parliament and of the Council of 22
- 35 September 2003 on additives for use in animal nutrition. Official Journal of the
- 36 European Communities L 268, 18 October
- 37 Reij, C., I. Scoones, & C. Toulmin. eds.1996. Sustaining the Soil. Indigenous Soil and Water
- 38 Conservation in Africa. Earthscan. London.
- 39 Repetto, R. 1985. Paying the Price: Pesticides Subsidies in Developing Countries. Research
- 40 report No. 2, World Resources Institute. Washington D.C.
- 41 Repetto, R. 1986. Skimming the Water: Rent, Seeking the erformance of Public Irrigation
- 42 Sytems. Research Report 4. World Resources Institute. Washington D.C.
- 43 Repetto, R. 1990. Deforestation in the Tropics. *Scientific American*. Vol 262 (4) pp 18-24,
- 44 April.
- 45 Repetto, R. 1994. The "Second India" Revisited: Population, Poverty and Environmental
- 46 Stress over Two Decades. WRI, Wash. D.C.
- 47 Repetto, R. and Baliga, S. 1997a. *Pesticides and the Immune System: The Public Health*
- 48 *Risks*. World Resources Institute, Washington, DC
- 49 Repetto, R. and Baliga, S. 1997b. Pesticides and immunosupression: the risks to public
- 50 health. *Health Policy Planning* 12(2), 97-106
- 51 Repetto, R., W. Magrath, M.Wells, C. Beer and F. Rossini. 1989. Wasting Assets: Natural
- 52 Resources in the National Income Accounts. World Resources Institute. Washington
- 53 D.C.
- 54 Repetto, R. 1992. Accounting for Environmental Assets. *Scientific American*. Vol. 266. June.
- 55 Rhoades, R. E. 2006. Seeking Half our Brains: Reflections on the Social Context of
- 56 Interdisciplinary Research and Development. Pp. 403-420. In Cernea, M. M. & Kasam,
- 57 A. H. (eds). 2006. Researching the Culture in Agri-Culture: Social Research for
- 58 International Development. Oxford: CABI Publishing.
- 59 Rhoades, R.E. 1982. The Art of the Informal Agricultural Survey, Social Science Department
- 60 Training Document 1982-2, International Potato Centre, Lima, Peru

- 1 Rhoades, R. E. and Booth, R. H. 1982. Farmer-back-farmer: a model for generating
- 2 acceptable agricultural technology. *Agricultural Administration* 11:127–137.
- 3 Rhone Poulenc 1998 press release. At <http://www.rhone-poulenc.com>. After Rhône-Poulenc
- 4 Agro merged with Aventis, the Web site was removed.
- 5 Rhone Poulenc, 1998. Contribution of International Private Sector Companies to Poverty
- 6 Alleviation in Low Income Countries, p. 3.
- 7 Richards, P. ed. 2005. No Peace No War. An Anthropology of Contemporary Armed Conflicts.
- 8 Ohio University Press, Athens. James Curry, Oxford.
- 9 Riches, G, ed, First World Hunger. Food Security and Welfare Politics (London:
- 10 Macmillan/New York: St. Martins. 1997
- 11 Ricketts, T. 2001. The matrix matters: effective isolation in fragmented landscapes. *The*
- 12 *American Naturalist* 158 (1):87-99.
- 13 Riddle, J. 2004. Crop Trust to conserve plant diversity. FAO newsroom.
- 14 <http://www.fao.org/newsroom/en/news/2004/51211/index.html>
- 15 Rivera, W. M. and D.J. Gustafson. (ed.). 1991. Agricultural Extension: Worldwide Institutional
- 16 Evolution and Forces for Change. Elsevier, Amsterdam.
- 17 Rita et al, 1987
- 18 Rodriguez, L., Niemeyer, H. 2005. Integrated pest management, semiochemicals and
- 19 microbial pest control agents in Latin American agriculture. *Crop Protection* Vol.24, pp.
- 20 615-623.
- 21 Rodricks, J.V. 2001. Using Science-Based Risk Assessment to Develop Food Safety Policy.
- 22 Food Safety Policy, Science, and Risk Assessment: Strengthening the Connection:
- 23 Workshop Proceedings (2001). Institute of Medicine The national Academy Press.
- 24 Rogers, E. M. 1962. The Diffusion of Innovations. Free Press, Glencoe, NY.
- 25 Rogers, E. M. 1976. Communication and Development: The passing of a dominant paradigm.
- 26 *Communication Research*. 3: 213-240.
- 27 Rogers, E.M. 1983. Diffusion of Innovations. 3<sup>rd</sup>. edition. The Free Press. New York.
- 28 Rogers, E. M. 1995. Diffusion of Innovations. Fourth Edition, Free Press, New York.
- 29 Rogers, E. M. and D.L. Kincaid. 1981. Communication Networks: Towards a New Paradigm
- 30 for Research. New York. The Free Press/Collier MacMillan.
- 31 Rojas, M.H. 2006. Agriculture. Cited 1 December 2006. Available at
- 32 <http://www.uicn.org/congress/women/Agriculture.pdf>.
- 33 Rogers, E.M. 2003. Diffusion of Innovations (5th Edition). The Free Press. New York.
- 34 Rola, A., Jamias, S., Quizon, J. 2002. Do Farmer Field School Graduates Retain and Share
- 35 what they Learn? An investigation in Iloilo, Philippines. *Journal of International*
- 36 *Agriculture and Extension Education* 9: 65-76.
- 37 Röling, N. 2004. Communication for Development in Research, Extension and Education.
- 38 Wageningen Univ., the Netherlands.
- 39 [http://www.fao.org/sd/dim\\_kn1/docs/kn1\\_040701a3b\\_en.pdf](http://www.fao.org/sd/dim_kn1/docs/kn1_040701a3b_en.pdf)
- 40 Röling, N. 1988. Extension Science: Information Systems in Agricultural Development.
- 41 Cambridge Univ. Press, Cambridge.
- 42 Röling, N. 1970. Adaptations in Development: a Conceptual Guide for the Study on Non-
- 43 Innovative Responses of Peasant Farmers. *Economic Development and Cultural*
- 44 *Change*:19 (1): 71-85.
- 45 Röling, N., Ascroft, J. and F. Wa Chege. 1976. Diffusion of innovations and the issue of equity
- 46 in rural development. *Communication Research* 3, 155-71.
- 47 Röling, N. and P. Engel. 1991. The development of the concept of Agricultural Knowledge
- 48 and Information Systems (AKIS): Implications for Extension. Pp125-139 in Rivera, W.
- 49 and D. Gustafson (Eds.) (in press). *Agricultural Extension: Worldwide Institutional*
- 50 *Evolution and Forces for Change*. Elsevier Science Publishers. Amsterdam.
- 51 Röling, N and Van De Fliert E. 1998. Introducing integrated pest management in rice in
- 52 Indonesia: a pioneering attempt to facilitate large-scale change. in Röling, N and
- 53 Wagemakers, M.(ed.) 2000. *Facilitating Sustainable Agriculture: Participatory learning*
- 54 *and adaptive management in times of environmental uncertainty*. Cambridge
- 55 University Press: Cambridge.
- 56 Röling, N. and Wagemakers, M.A.E. (Ed.). 1998. *Facilitating Sustainable Agriculture.*
- 57 *Participatory Learning and Adaptive Management in Times of Environmental*
- 58 *Uncertainty*. Cambridge University Press, Cambridge.
- 59 Röling, N. and J. Jiggins, J. 1998. The ecological knowledge system. p. 281-307. In
- 60 *Facilitating sustainable agriculture: Participatory learning and adaptive management in*

- times of environmental uncertainty. N. Röling and M.A.E. Wagemakers (ed.). Cambridge Univ. Press, Cambridge.
- Rosenstock, L. et al. 1991. Chronic central nervous system effects of acute organophosphate pesticide intoxication. *Lancet* 338, 223-227.
- Rosset, P. 1996. [http://en.wikipedia.org/wiki/Food\\_sovereignty#endnote\\_1996](http://en.wikipedia.org/wiki/Food_sovereignty#endnote_1996)
- Rosset, P. et al. 2000. Lessons from the Green Revolution- do we need new technology to end hunger? *Tikkun Magazine* vol.15, no.2. <http://www.twinside.org.sg/title/twr118c.htm>;
- Rosset, P., and M.A. Altieri. 1997. Agroecology vs. input substitution: a fundamental contradiction of sustainable agriculture. *Society and Natural Resources* 10:283-295.
- Rosset, P. and Benjamin, M. 1994. The Greening of the Revolution: Cuba's Experiments with organic agriculture. Ocean Press, Melbourne.
- Ruane, J. and Sonnino, A. 2007. Results from the FAO Biotechnology Forum: Background and Dialogues on Selected Issues. Available at <ftp://ftp.fao.org/docrep/fao/009/ao744e/ao744e00.pdf> (January 2007)
- Rufino, M.C., Rowe, E.C., Delve, R.J., Giller, K.E., 2006. Nitrogen cycling efficiencies through resource-poor African crop-livestock systems: A review. *Agric. Ecosyst. Environ.* 112, 261-282.
- Russell, E. 2001. *War and Nature: Fighting Humans and Insects with Chemicals from World War I to Silent Spring*. Cambridge University Press, Cambridge.
- Ryan, B., and N. Gross, N. 1943. The diffusion of hybrid seed corn in two Iowa communities. *Rur. Soc.* 8: 15-24.
- Saad, M.B. 1999. Food security for the food-insecure: new challenges and renewed commitments. CSD NGO Women's Caucus Position Paper for CSD-8, 2000. World Wide Web: <http://www.earthsummit2002.org/wcaucus/Caucus%20Position%20Papers/food%20security.pdf>
- Sachs, J., 1999. Helping the world's poorest. *The Economist* August 14, 17-20
- Sachs, C. 1996. *Gendered Fields. Rural Women, Agriculture, and the Environment*. Rural Studies Series. Westview Press. Boulder, Co.
- Saethre, M.G., H.M. Ørpen and T. Hofsvang. 1999. Action programmes for pesticide risk reduction and pesticide use in different crops in Norway. *Crop protection* 18 (2): 7-215.
- Safran, S. 2004. Hyperownership in a time of biotechnological promise: The international conflict to control the building blocks of life. *The American Journal of International Law* 98: 641-684.
- Sahai, S. 2003. India's plant variety protection and Farmer's Rights Act, 2001. *Current Science* 84: 407-412.
- Saiyed, H., A. Dewan, V. Bhatnagar, U. Shenoy, R. Shenoy, H. Rajmohan, et al. 2003. Effect of Endosulfan on Male Reproductive Development. *Environ Health Perspect* 111 (16):1958-1962.
- Sale, Kirkpatrick. 1993. *The Green Revolution: The American Environmental Movement, 1962-1999*. New York: Hill & Wang
- Sale, Kirkpatrick. 1993. *The Green Revolution: The American Environmental Movement, 1962-1999*. New York: Hill & Wang
- Samways M.. 1988. Classical Biocontrol and insect conservation : are they compatible? *Environ. Conservation* 15. 349-354.
- Samways M.. 1997. Classical Biological Control and Biodiversity conservation: what risks are we prepared to accept? *Biodiversity and Conservation* 6. 1309-1316.
- Santaniello, V. (2003), 'Agricultural biotechnology: implications for food security', Proceedings of the 25th International Conference of Agricultural Economists, 18-22 August, IAAE, Durban.
- Sassakawa Global 2000. 1994. *Developing African Agriculture: New Initiatives for International Cooperation*. Tokyo. SAA.
- Schecter, A., Le C. D., Pöpke, O., Prange, J., Constable, J.D., Matsuda, M., Vu D. T., Piskac, A.L.,..... Recent Dioxin Contamination From Agent Orange in Residents of a Southern Vietnam City. *Journal of Occupational and Environmental Medicine* v.43, n.5, May01
- Schimmelpfennig, D.E., Pray, C.E., and Brennan, M.F. 2004. The impact of seed industry concentration on innovation: a study of US biotech market leaders. *Agricultural Economics* 30: 157-167.



- Schukken Y.H., G. van Schaik, J.J. McDermott et al. 2004 Transition models to assess risk factors for new and persistent trypanosome infections in cattle-analysis of longitudinal data from the Ghibe Valley, southwest Ethiopia. *Journal of Parasitology* 90:1279-87
- Schultz, T.W., 1964. *Transforming Traditional Agriculture*, New Haven, Yale University Press, 212p.
- Schultz, T. W. 1990. Aspectos económicos de la investigación agrícola. p. 411-423. In *Desarrollo Agrícola en el Tercer Mundo*. C.K. Eicher and J.M. Staatz (ed.). Fondo de Cultura Económica, Mexico, Schütz, A. 1964. *Collected Papers II: Studies in Social Theory*. A. Brodersen (ed.), Martinus Nijhoff, The Hague.
- Schütz, A. 1964. *Collected Papers II: Studies in Social Theory*. Brodersen, A. (ed.), Martinus Nijhoff, The Hague.
- Scoones, I. ed.1996. *Living with Uncertainty*. New directions in pastoral development in Africa. Intermediate technology Publications Ltd. London.
- Scoones, I., M. Meylnyk, J.N. Pretty. 1992. *The Hidden Harvest: Wild Foods and Agricultural Systems*. London. IIED.
- Scoones, I., and J. Thompson. (ed.). 1994. *Beyond Farmer First*. Rural people's knowledge, agricultural research and extension practice. Intermediate Technology, London.
- Scoones, I. and C. Chibudu, S. Chikura, P. Jeranyama, D. Machaka, W. Machanja, B. Mavedzenge, B. Mombeshora, M. Mudhara, C. Mudziwo, F. Murimburimba & B. Zirerza. 1996. *Hazards and Opportunities. Farming livelihoods in dryland Africa: lessons from Zimbabwe*. Zed Books Ltd. London.
- Selner, D., et al. 1997. *Farmer-to-farmer Extension: Lessons from the Field*. New York. IIRR.
- Sen, A. 1981. *Poverty and Famines. An Essay on Entitlement and deprivation*. Clarendon, Oxford.
- Settle W. H., Ariawan H., Tri Astuti E., Cahyana W., Hakim A. L., Hindayana D., Sri Lestari A. and Pajarningsih. 1996. Managing tropical rice pests through conservation of generalist natural enemies and alternative prey. *Ecology* 77 (7), 1975-1988.
- Sexton, R.J. 2000. Industrialization and consolidation in the U.S. food sector: Implications for competition and welfare. *Amer. J. Agr. Econ.* 82: 1087–1104
- SGRP, 2006. *Developing Access and Benefit Sharing Regimes: plant genetic resources for food and Agriculture*, System-wide Genetic Resources Program of the CGIAR.
- Shannon, C. and W. Weaver. 1949. *The Mathematical Theory of Communication*, Urbana, Univ. Illinois Press.
- Shapiro, C. (2001). Navigating the patent thicket: Cross licenses, patent pools and standard setting, in innovation policy and the economy. In A. Jaffe, J. Lerner, & S. Stern (Eds.), *Innovation Policy and the Economy* (v.1). Cambridge, MA: National Bureau of Economic Research.
- Sharma, R., and T.H. Poleman, T. H. 1993. *The New Economics of India's Green Revolution. Income and Employment Diffusion in Uttar Pradesh*. Cornell University Press, Ithaca. ISBN 0801428068
- Sharpe, C.R. *et al.* 1995. Parental exposure to pesticides and risk of Wilms' tumor in Brazil. *American Journal of Epidemiology* 141 (3), 210-217
- Shennan *et al.* 2005. Agroecological Approaches to Pest Management in the US, P. 147-164 in Pretty, J. ed. *The Pesticide Detox: Towards A More Sustainable Agriculture*. Earthscan: London, Sterling.
- Sherwood, S. 2006 (forthcoming). FFS in Latin America: The challenges of modernization. In Luther, G., C. Harris, S. Sherwood, K. Gallagher, J. Mangan and K Touré Gamby, eds. *Developments and Innovations in Farmer Field Schools and Training of Trainers*. E. Norton.
- Shiva, V. 1991. *The Violence of the Green revolution*. Penang, Malaysia: Third World Network, 1991.
- Shiva, V. 1996 *Biopiracy: The Plunder of Nature and Knowledge*. Boston: South End Press.
- Shiva, V. 2000. *Stolen Harvest: the Hijacking of the Global Food Supply* (Cambridge MA: South End Press.. Simmonds, N. W. 1979. *Principles of Crop Improvement*. Longman, London, UK.
- Shulman, S. 2006. *Undermining Science: Suppression and Distortion in the Bush Administration*. p. 112. University of California Press, Berkeley, CA.
- Sigsgaard, L. 2006. Biological control of arthropod pests in outdoor crops – the new challenge. Proc. Intl Workshop "Implementation of Biocontrol in Practice in Temperate

- Regions—Present and Near Future.” Research Centre Flakkebjerg, Denmark, Nov. 1-3, 2005. DIAS Report No. 119: 153-167.
- Simberloff, D. and P. Stiling. 1996. Risks of species introduced for biological control. *Biol. Conserv.* 78:185-192.
- Simmonds, N. W. 1979. *Principles of Crop Improvement*. Longman, London, UK.
- Simpson AJG, Reinach FC, Arruda P, Abreu FA, AcencioM, Alvarenga R, Alves LMC, Araya JE, Baia GS, Baptista CS, et al., 2000. The genome sequence of the plant pathogen *Xylella fastidiosa*. *Nature (Lond)* 406: 151–157
- Singh, N.C. 1983. The economics of cattle tick control in dry tropical Australia, *Australian veterinary journal*, Vol. 60, No.2, P.37.
- Singh, J. 2004. India finds pesticides in Colas. BBC News, 4 February, 2004. Accessed at: [http://news.bbc.co.uk/2/hi/south\\_asia/3458365.stm](http://news.bbc.co.uk/2/hi/south_asia/3458365.stm)
- Sissoko M. 1994. Lutte Integree contre les ennemis du mil dans la zone de Banamba au Mali. *Sahel PV Info.*, No. 60, 15-19.
- Smith M., Castillo G. and Gomez F. 2001. Participatory Plant Breeding with maize in Mexico and Honduras. *Euphytica* 122: 551-565.
- Smith, P.G., 2003. Department of Infectious and Tropical Diseases, London School of Hygiene & Tropical Medicine, Keppel St, London WC1E 7HT, England (email: [p.smith@lshtm.ac.uk](mailto:p.smith@lshtm.ac.uk)). Ref. No. 02-0283 Bulletin of the World Health Organization 2003, 81 (2)
- Smithson, P.S. and Giller, K.E. 2002. Appropriate farm management practices for alleviating N and P deficiencies in low-nutrient soils of the Tropics. *Plant and Soil*. 245:1, August. 169-180
- Smoulders W. 2004 *Plant Genetic Resources for Food and Agriculture*. IP Strategy Today No. 13.
- Snow, A.A. *et al.* 2004. Genetically engineered organisms and the environment: Current status and recommendations. A scientific position paper by the Ecological Society of America. Feb 26. [http://www.esa.org/pao/esaPositions/Papers/geo\\_position.htm](http://www.esa.org/pao/esaPositions/Papers/geo_position.htm).
- Solow. R. M., 1957. Technical Change and the Aggregate Production Function. *Review of Economics and Statistics*, 39.
- Song, Y. 1998. 'New' Seed in 'Old' China. Impact of CIMMYT Collaborative Programme on Maize Breeding in South-western China. Wageningen Univ., Wageningen. [http://www.cimmyt.org/Research/Economics/map/impact\\_studies/pdf/NewSeed.pdf](http://www.cimmyt.org/Research/Economics/map/impact_studies/pdf/NewSeed.pdf)
- Song, Y. and J. Jiggins. 2002. The Feminization of Agriculture and the Implication for Maize Development in China. *LEISA*, 18(4): 6–9.
- Sorby, K., G. Fleischer and E. Pehu. 2003. “Integrated Pest Management in Development: Review of Trends and Implementation Strategies.” The World Bank, IBRD: Agriculture and Rural Development Department, Working Paper #5. Washington DC.
- Spangenberg, J.H., S. Pfahl, K. Deller. 2002. Towards indicators for institutional sustainability. *Ecological Indicators* 2(1): 61-77.
- Spedding, C. R. W. 1975. *The Biology of Agricultural Systems*. Academic Press, London.
- Sperling L., Loevinsohn M. and Ntabomvura, B. 1993. Rethinking farmers’ role in plant breeding: local bean experts and on-station selection in Rawanda. *Exp. Agric.* 29: 509-519.
- Spielman, D.J. and von Grember K., 2004, *Public-Private Partnerships in Agricultural Research: An Analysis of Challenges Facing Industry and the Consultative Group on International Agricultural Research*. International Food Policy Research Institute, Environment and Production Technology Division.
- Stansley P., N.Y. Su, and J. Conner. 2001. Management of subterranean termites, *Reticulitermes* spp. (Isoptera: Rhinotermitidae) in a citrus orchard with hexaflumuron bait. *Crop Protection* 20:199-206.
- Starss, T. 2006. Fossil Fuel Consuming our Future. Bonneville Environment Foundation. Newsletter. Center for Ecoliteracy. <http://www.ecoliteracy.org/publications/rsi/tom-starrs.html>
- Staudt, K. & J-M Col. 1991. Diversity in East Africa: Cultural Pluralism, Public Policy, and the State. Chapter 7 in R.S.Gallin and A. Ferguson, eds. *The Women and International Development Annual*, Vol. 2, Westview Press, Boulder, Co., 241- 264
- Stemerding, P. et.al. 2002. *Social Dimensions of Integrated Production and Pest Management - A Case Study in Mali*. Food and Agriculture Organization, Rome

- 1 Stevens, C., Devereux, S., Kennan, J., 2003. International Trade, Livelihoods and Food
- 2 Security in Developing Countries. IDS Working Paper 215, December
- 3 Sthapit, B. R., Joshi, K. D. and Witcombe, J. R. 1996. Participatory rice breeding in Nepal.
- 4 Crop Improvement 23: 179-188.
- 5 Stiglitz, J.E. 2006. Making Globalization Work. W.W. Norton & Company Inc. New York
- 6 Stringer, R., 2000. Food security in developing countries. Policy Discussion Paper No. 0011,
- 7 March
- 8 Strong, D. R., Jr. 1997. Fear no weevil? Science 277:1058-1059.
- 9 Strong, D.R., and R.W. Pemberton. 2001. Food Webs, Risks of Alien Enemies and Reform of
- 10 Biological Control. p. 57-80 In E. Wajnberg, J.K. Scott, and P.C. Quimby (ed.) 2001.
- 11 Evaluating Indirect Effects of Biological Control. CABI Publ, Wallingford.
- 12 Structural Adjustment Participatory Review International Network (SAPRIN). 2002. The Policy
- 13 Roots of Economic Crisis and Poverty: A Multi-Country Participatory Assessment of
- 14 Structural Adjustment," Washington, DC: SAPRIN, April 2002.
- 15 Sudhakar P., Nageswara Rao R; Ramesh Bhat and Gupta C.P. 1988. The economic impact of
- 16 a foodborne disease outbreak due to Staphylococcus aureus. Journal of Food
- 17 Protection. Vol. 51 No.11
- 18 Sullivan, P. 2003. Conservation Tillage (Available at: [www.attra.noat.org](http://www.attra.noat.org))
- 19 Sunyer, J., M. Torrent, L. Muñoz-Ortiz, N. Ribas-Fitó, D. Carrizo, J. Grimalt et al. 2005.
- 20 Prenatal Dichlorodiphenyldichloroethylene (DDE) and Asthma in Children.
- 21 *Environmental Health Perspectives* Volume 113, Number 12, December 2005.
- 22 Swaminatham 1995
- 23 Swanson, B. (ed.). 1984. Agricultural Extension: reference manual. 2nd edition, FAO UN,
- 24 Rome.
- 25 Swanson, B. and W. Peterson. 1989. A Field Manual for Analysing Technology Development
- 26 and Transfer Systems. INTERPAKS report. Office of International Agriculture.
- 27 University of Illinois. Urbana, Champaign (Illinois).
- 28 Syngenta Crop Protection US. 2006. Syngenta's Commitment to IPM. Accessed at
- 29 [http://www.syngentacropprotection-us.com/enviro/ipm/index.asp?nav=ipm\\_syngenta](http://www.syngentacropprotection-us.com/enviro/ipm/index.asp?nav=ipm_syngenta)
- 30 Syngenta 2005. Corporate Social Responsibility Report Growing Responsibly. Syngenta,
- 31 Basel Switzerland
- 32 Syngenta. 2003. The responsible stewardship of our crop protection products. Syngenta
- 33 International Ag. December 2003.
- 34 Syngenta Foundation for Sustainable Agriculture. <http://www.syngentafoundation.org/>
- 35 Turner C. 1984 In proceedings of the 6th Int. Symp. on biological control weeds. University of
- 36 British Colombia Cancouver, BC.
- 37 Taha and Gray, 1992
- 38 Tallontine, A. And B. Vorley. 2005. Achieving fairness in trading between supermarkets and
- 39 their agrifood supply chains. UK Food Group Briefing. September. UK Food Group.
- 40 London.
- 41 Tanner, Douglas G. , Giref Sahile . 1991. Weed Control Research Conducted on Wheat in
- 42 Ethiopia. Wheat Research in Ethiopia : a Historical Perspective , p.235.
- 43 Tareke E, Rydberg P, Karlsson P, Eriksson S, Tornqvist M., 2000. Chem Res Toxicol.
- 44 2000 Jun;13(6):517-22}
- 45 Traxler G, Godoy-Avila S, Falck-Zepeda J, Espinoza-Arellano J. 2001. Transgenic cotton in
- 46 Mexico: economic and environment impacts. Department of Agriculture Working
- 47 Paper (Auburn Univ, Auburn, AL USA)
- 48 Ten Eyck, T.A. and A. Rudy. 2004. Institutional and/vs. Commercial Media Coverage:
- 49 Representations of the University of California, Berkeley-Novartis Agreement.
- 50 Michigan State University.
- 51 Ter Weel, P. and H. van der Wulp. 1999. Participatory Integrated Pest Management. Policy
- 52 and Best Practice Document 3. Netherlands Ministry of Foreign Affairs, Development
- 53 Cooperation: The Hague, The Netherlands.
- 54 Thayer, A.M., 2001. Owning biotech. Chemical and Engineering News 78, 25–32.
- 55 The Economist, 16 September 2006 Rice farming: Grains of doubt.
- 56 Thomas, J.W. 1975. The Choice of Technology for Irrigation Tubewells in East Pakistan: An
- 57 Analysis of a Development Policy Decision. In P.C.Timmer, J.W.Thomas, L.T.Wells,
- 58 and D. Morawetz. 1975. The Choice of Technology in Developing Countries: Some
- 59 Cautionary Tales. Center for International Affairs. Harvard University Press. Harvard
- 60 (Mass).

- Thro A M, Taylor N, Raemakers K., Puonti-Kaerlas J, Schöpke C, Visser R, Iglesias C, Sampaio MJ, Fauquet C, Roca W, Potrykus I.. 1998 Maintaining the Cassava Biotechnology Network. *Nature Biotechnology* 16: 428-429
- Tiffen, M., M. Mortimore, and F. Gichuki. 1994. *More People, Less Erosion : Environmental Recovery in Kenya*. Wiley, Chichester.
- Tittonell, P., Vanlauwe, B., Leffelaar, P.A., Rowe, E., and Giller, K.E. 2005. Exploring diversity in soil fertility management of smallholder farms in western Kenya. I: Heterogeneity at regional and farm scales. *Agriculture, Ecosystems and Environment* 110: 149-165.
- Tittonell, P., Vanlauwe, B., de Ridder, N., Giller, K.E., 2006. Heterogeneity of crop productivity and resource use efficiency within smallholder Kenyan farms: Soil fertility gradients or management intensity gradients? *Agric. Syst.* doi:10.1016/j.agsy.2006.10.012.
- Tobin, R. J. 1996. Pesticides, the Environment, and U.S. Foreign Assistance. *International Environmental Affairs* 8.3: 244-66.
- Tobin R. J. 1996. Pest Management, the environment, and Japanese foreign assistance. *Food Policy* 21, 211-228.
- Tollens, E. Demont, M., and R. Swennen. 2004. Biotechnology in developing countries: North–South partnerships are the key. *Outlook on Agriculture* 33: 231-238.
- Ton, P. 2003. Organic cotton in sub-Saharan Africa [Online]. Available at <http://www.pan-uk.org/pestnews/pn62p4.htm> (verified 1 March 2007). PAN-UK, London.
- Toxnet, 1982; 1975-1986. National library of medicine's toxicology data network. Hazardous Substances Data Bank (HSDB). Public Health Service. National Institute of Health, U. S. Department of Health and Human Services. Bethesda, MD: NLM.
- Tozun, N. 2001. "New Policy, Old patterns: a Survey of IPM in World Bank Projects." *Global Pesticide Campaigner*. San Francisco: PANNA. Vol. 11 (1), April 2001. San Francisco. [http://www.panna.org/resources/gpc/gpc\\_200104.11.1.pdf](http://www.panna.org/resources/gpc/gpc_200104.11.1.pdf), access 06/12/2006.
- Traxler, G. 1999. Balancing basic, genetic enhancement and cultivar development research in an evolving US plant germplasm system. *AgBioForum* 2: 43-47.
- Traxler G, Godoy-Avila S, Falck-Zepeda J, Espinoza-Arellano J. 2001. Transgenic cotton in Mexico: economic and environment impacts. Department of Agriculture Working Paper (Auburn Univ, Auburn, AL USA)
- Trewavas, A. 2004. A critical assessment of organic farming and food assertions with particular respect to the UK and the potential environmental benefits of no-till agriculture. *Crop protection* 23:757-781.
- Trinh, L. N., Watson, J. W., Hue, N. N., De, N. N., Minh, N. V., Chu, P., Sthapit, B. R., and Eyzaguirre, P. B. 2003. Agrobiodiversity conservation and development in Vietnamese home gardens. *Agriculture Ecosystems & Environment* 97: 317-344.
- Tripp R. 1997 The structure of the national Seed Systems. In: R Tripp (Ed), *New Seeds and Old Laws. Regulatory Reform and the Diversification of National Seed Systems* pp14-42. IT Publications, London.
- Tripp, R. 2000. 'Strategies for seed system development in sub-Saharan Africa.' ICRISAT Working Paper. Patancheru, India: ICRISAT.
- Tripp, R. and D. Byerlee. 2000. Public Plant Breeding in an Era of Privatisation. *Natural Resources Perspectives*. N.57 <http://www.odi.org.uk/NRP/57.pdf>
- Tripp, R. 2005. The Performance of Low External Input Technology in Agricultural Development: A Summary of Three Case Studies. *International Journal of Agricultural Sustainability*. 3:3, 143-153
- Tripp, R., Wijeratne, M., Piyadasa, V.H. 2005. What should we expect from farmer field schools? A Sri Lankan case study. *World Development* 33, 1705-1720.
- Tripp, R. 2006a. Is low external input technology contributing to sustainable agricultural development? *Natural Resources Perspectives* 102. Overseas Development Institute. London.
- Tripp, R. 2006 b. *Self-Sufficient Agriculture: Labor and Knowledge in Small-Scale Farming*. Earthscan. London.
- Tsegaye B. 1997. The significance of biodiversity for sustaining agricultural production and role of women in the traditional sector: The Ethiopian experience. *Agriculture, Ecosystems and Environment* 62: 215-227.
- Udall, L. 1997. The World Bank Inspection Panel: a Three Year Review. Bank Information Center. Available at: <http://www.bicusa.org>
- Union of Concerned Scientists (UCS). 2004. *Scientific Integrity in Policymaking: an Investigation into the Bush Administration's Misuse of Science*. UCS, Cambridge. 38

- p. See Appendix B, USDA "List of Sensitive Issues for ARS Manuscript Review and Approval by National Program Staff, February 2002 (revised).
- United Nations.1992. Agenda 21, p. 37.
- United Nations 1975. Report of the World Food Conference, 5-16 November 1974. New York and Rome: United Nations
- United Nations Conference on Environment and Development (UNCED). 1992. Report of the United Nations Conference on Environment and Development. Rio de Janeiro.
- United Nations Development Program (UNDP). 1998. Capacity assessment and development in a systems and strategic management context. Management Development and Governance Division, Technical Advisory Paper no. 3. New York: United Nations Development Program.
- United Nations Development Program (UNDP). 1995. Agroecology: Creating the Synergism for a Sustainable Agriculture. UNDP Guidebook Series. UNDP Sustainable Energy and Environment Division, New York. 87 p. (see p. 16 on)
- United Nations Educational Scientific and Cultural Organization (UNESCO). 2005. Global education digest. Comparing Education Statistics Across the World. 157 p. ISBN 9291890189 [http://www.uis.unesco.org/template/pdf/ged/2005/ged2005\\_en.pdf](http://www.uis.unesco.org/template/pdf/ged/2005/ged2005_en.pdf), access 06/12/2006.
- United Nations Research Institute for Social Development (UNRISD). 1975. Rural Institutions and Planned Change. 11 volumes, UNRISD, Geneva.
- UNDP (1993). Programme Approach Guiding Principles. New York: UNDP.
- Unnevehr, I., Jensen, H., 1999, The economic implications of using HACCP as a food safety regulatory standard, Food Policy, Vol. 24, No. 6, December.
- USAID. 2004. USAID Agricultural Strategy: linking producers to markets. USAID, Washington, D.C. July 2004. Available at [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)
- USDA. 2000. Genetically engineered crops: has adoption reduced pesticide use? Economic Research Service, AO #273.
- USDA. 2005. Briefing. (Available at: <http://www.wrs.usda.gov/Briefing/AgChemicals/soilmanagement.htm>)
- Users' Perspectives with Agricultural Research and Development (UPWARD). 1997. Local R&D. Institutionalizing Innovations in Rootcrop Agriculture. Users' Perspectives with Agricultural Research and Development, Los Baños, The Philippines.
- USGS (United States Geological Survey), 2006. The Quality of Our Nation's Waters, Pesticides in the Nation's Streams and Ground Water, 1992-2001. [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)
- Van den Ban, A. and Samanta, R.K. eds. 2006. Changing Roles of Agricultural Extension in Asian Nations. B.R. Publishing Corporation, Delhi.
- Van den Berg, H. and J. Jiggins. 2006. Investing in Farmers: the impacts of Farmer Field Schools in Integrated Pest Management. World Development (Oxford), Accepted.
- Van den Berg, H. and Jiggins, J. 2007 (in press). Investing in Farmers. The Impacts of Farmer Field Schools with respect to Integrated Pest Management. World Development (accepted 17 May 2006)
- Van den Bosch, R. 1980. The Pesticide Conspiracy. Garden City, New York. Anchor Books/Doubleday.
- Van den Bosch, R., P.S. Messenger and A.P. Gutierrez. 1982. An introduction to biological control. New York: Plenum Press.
- Van der Hoek, W., Konradsen, F., Athukorala, K., Wanigadewa, T.; Pesticide Poisoning: A Major Health Problem in Sri Lanka; Social Science and Medicine 1998, Vol. 46. Pages 495-504.
- Van der Wulp and Pretty, J. 2005. Policies and Trends, P. 226-237 in Pretty, J. ed. The Pesticide Detox: Towards A More Sustainable Agriculture. Earthscan: London, Sterling.
- van Huis, A. 2006. Insect, respect en maatschappelijk effect. Inaugural speech for professorship, 23/02/2006, Wageningen University.
- Vanlauwe, B., Sanginga, N., Diels, J., Merckx, R. (Eds.), 2002. Balanced Nutrient Management Systems for the Moist Savanna and Humid Forest Zones of Africa. CAB International, Wallingford.



- 1 Vanlauwe, B., Tittonell, P., Mukulama, J., 2006. Within-farm soil fertility gradients affect  
2 response of maize to fertiliser application in western Kenya Nut. Cycl. Agroecosyst.  
3 76, 171-182.
- 4 Van Leur, J. A. G. and Gebre, H. 2003. Diversity between some Ethiopian farmer's varieties  
5 of barley and within these varieties among seed sources. Genetic Resources and  
6 Crop Evolution 50: 351-357.
- 7 Van Mele, P. Salahuddin, A. 2005. Innovations in Rural Extension. CABI Bioscience. Egham,  
8 UK.
- 9 Van Veldhuizen, L., A. Waters-Bayer, R. Ramirez, D.A. Johnson, and J. Thompson. (ed.).  
10 1997. Farmers' Research in Practice. Lessons from the field. Intermediate Technology  
11 Publications, London.
- 12 Verhaegen, E., V. Campens, H. Wustenberghs, L. Lauwers, and R. Nutelet. 2002.  
13 Environmental Aspects of Agricultural Accounts. Execution Report, Centre for Agric.  
14 Econ., Brussels.
- 15 Visser, B., D. Eaton, N. Louwaars, and Engles, J. 2000. Transaction costs of germplasm  
16 exchange under bilateral agreements. Document No. GFAR/00/17-04-04. Global  
17 Forum on Agricultural Research. FAO, Rome. At [www.egfar.org/documents/conference/](http://www.egfar.org/documents/conference/GFAR_2000/gfar1702.PDF)  
18 [GFAR\\_2000/gfar1702.PDF](http://www.egfar.org/documents/conference/GFAR_2000/gfar1702.PDF).
- 19 Visser, B., R. Pistorius, R. van Raalte, D. Eaton & N. Louwaars, 2005. Options for Non-  
20 Monetary Benefit Sharing, an inventory. Background Study Paper No. 30. Commission  
21 on Genetic Resources for Food and Agriculture, FAO, Rome, 27 p. [ftp://ext-  
22 ftp.fao.org/ag/cgrfa/BSP/bsp30e.pdf](http://ftp.fao.org/ag/cgrfa/BSP/bsp30e.pdf)
- 23 Visser, Bert & Niels Louwaars, 2006. Policy and criteria for the Funding Strategy for the  
24 implementation of the International Treaty on Plant Genetic Resources for Food and  
25 Agriculture. Rome, FAO Commission on Genetic Resources for Food and Agriculture.  
26 Background Study Paper # 31
- 27 Virk, D. S., Singh, D. N., Prasad, S. C., Gangwar, J. S., and Witcombe, J. R. 2003.  
28 Collaborative and consultative participatory plant breeding of rice for the rainfed  
29 uplands of eastern India. Euphytica 132: 95-108.
- 30 Virk, D. S., Chakraborty, M., Ghosh, J., Prasad, S. C., and Witcombe, J. R. 2005. Increasing  
31 the client orientation of maize breeding using farmer participation in eastern India.  
32 Experimental Agriculture 41: 413-426
- 33 Von Bertalanffy, L. 1950. The theory of open systems in physics and biology. Science 111:  
34 23-29.
- 35 Vorgetts J. 2001. Africa Emergency Locust and Grasshopper Assistance (AELGA) Project. In  
36 5th FAO Consultation on Obsolete, Unwanted and Banned Pesticide Stocks, Rome,  
37 10-11 May, FAO Rome.
- 38 Vorley, W., and D. Keeney (ed.) 1998. Bus in the System: Redesigning the Pesticide Industry  
39 for Sustainable Agriculture. Earthscan, London.
- 40 Waage, J. 1996. Agendas, aliens and agriculture: global biocontrol in the post-UNCED era.  
41 Paper presented at Cornell Community Conference on Biological Control, Apr 11-13.  
42 Cornell University, Ithaca.
- 43 Wafula, J.S. and Ndirutu, C.C., 1996. Capacity building needs for assessment  
44 and management of risks posed by living modified organisms, perspectives of a  
45 developing country. In: Mulongoy, K.J., van der Meer, P. and Zannoni, L. (eds)  
46 Transboundary Movement of Living Modified Organisms Resulting from Modern  
47 Biotechnology. International Academy of the Environment, Geneva, Switzerland, pp 63  
48 - 70.
- 49 Wajnberg, E., J.K. Scott, and P.C. Quimby (ed.) 2001. Evaluating Indirect Effects of Biological  
50 Control. CABI Publ, Wallingford. 261 p.
- 51 Walsh, S. 2004. Berkeley Denies Tenure to Ecologist Who Criticized University's Ties to the  
52 Biotechnology Industry. The Chronicle of Higher Education, 50 (18), p. A10. 9 January  
53 2004. At: <http://chronicle.com/free/v50/i18/18a01001.htm> 7jan04
- 54 Walsh, L., C. McCormick, C. Martin, and D. Stocco. 2000. Roundup Inhibits Steroidogenesis  
55 by Disrupting Steroidogenic Acute Regulatory (StAR) Protein Expression.  
56 Environmental Health Perspectives Volume 108, Number 8, August 2000
- 57 Warren G. 1998. Spectacular Increases in Crop Yields in the United States in the Twentieth  
58 Century. Weed Technology, 12, p752.
- 59 Warren, D. M. and B. Rajasekaran. 1993. Putting local knowledge to good use. Int. Agric.  
60 Devel. 13: 8-10.



- 1 Webb, P., Rogers, B., 2003. Addressing the “In” in Food Insecurity. Occasional paper No. 1,  
2 February, 2003. USAD Occasional Papers
- 3 Webster J, Bowles R., Williams N.. 1999. Estimating the economic benefits of alternative  
4 Pesticide Usage Scenarios: Wheat Production in the United Kingdom. Crop  
5 Production 18 p83.
- 6 Wenger, E. 1998. Communities of Practice: Learning, Meaning and Identity. Cambridge Univ.  
7 Press, Cambridge.
- 8 Weick, K. 1976. Educational Organizations as Loosely Coupled Systems, in Administrative  
9 Science Quarterly, ( 21: 1) 1-19.
- 10 Werge, R., 1978, Social Science training for regional agricultural development. CIMMYT  
11 Asian Reports No5. CIMMYT Asian Regional Office, C/O ICRISAT Liaison Office, 23  
12 Golf Links, New Delhi. India
- 13 Wesseling, C. et al. 1993. Pesticide poisonings in Costa Rica. Scandinavian Journal of Work  
14 Environment and Health 19(4), 227-233
- 15 Wesseling, C. et al. 1997b. Unintentional fatal paraquat poisonings among agricultural  
16 workers in Costa Rica: fifteen case reports. American Journal of Industrial Medicine  
17 32, 433-441
- 18 Wesseling, C. et al. 2001. Paraquat in developing countries. International Journal of  
19 Occupational and Environmental Health, 7, 275-286
- 20 Wesseling, C. et al. 2002. Long-term neurobehavioral effects of mild poisoning with  
21 organophosphate and n-methyl carbamate pesticides among banana workers.  
22 International Journal of Occupational and Environmental Health, 8(1), 27-34
- 23 WFC (ed.) (1983) *Food Security for People – Direct Measures to Reduce Hunger*, UN Doc.  
24 WFC/1982/6
- 25 Whitford F. et al 2006. The Benefits of Pesticides - A Story Worth Telling. Purdue Pesticides  
26 Programs – 70 January 2006
- 27 WHO, 1999 Food Safety Programme,. “ Food Safety – An Essential Public Health Issue for  
28 the New Millenium”, (WHO/SDE/PHE/FOS/99.4).
- 29 WHO, 1999. Public Health Impact of Pesticides Used in Agriculture. World Health  
30 Organisation. Geneva.
- 31 WHO, 2004, Avian influenza A (H5N1) in humans and in poultry in Asia: food safety  
32 considerations, 24 January 2004. Available at:  
33 <<http://www.who.int/foodsafety/micro/avian1/en/>>.
- 34 WHO, 2002a. Global strategy for food safety :” safer food for better health”, p.5.
- 35 WHO, 2002b. World Health Organization, “Antimicrobial resistance”, Fact sheet  
36 N°194, January 2002.
- 37 Whorton, D., R.M. Krauss, S. Marshall, and T.H. Milby. 1977. Infertility in male pesticide  
38 workers. The Lancet 310: 1259-1261.
- 39 Whorton et al, 1997
- 40 Wiggins, S (2000). Interpreting changes from the 1970s to 1990s in African agriculture  
41 through village studies. World Development, 28 (4), 631 – 662
- 42 Williamson, M. (1996) Biological Invasions. London: Chapman and Hall
- 43 Williamson, S. 2005. Breaking the Barriers to IPM in Africa: Evidence from Benin, Ethiopia,  
44 Ghana and Senegal. P. 165-180 In Pretty, J. ed. The Pesticide Detox: Towards A  
45 More Sustainable Agriculture. Earthscan: London, Sterling
- 46 Williamson and Buffin. 2005. Towards Safe Pest Management in Industrialized Agricultural  
47 Systems, P. 212-225 in Pretty, J. ed. The Pesticide Detox: Towards A More  
48 Sustainable Agriculture. Earthscan: London, Sterling
- 49 Wilson, C.G., and R.C. McFadyen. 2000. Biological control in the developing world: safety  
50 and legal issues. p. 505-511 In N. R. Spencer (ed.) Proc. Xth Intl Symp Biol Control of  
51 Weeds, 4-14 July 1999, Montana State University, Bozeman, Montana.
- 52 Windfuhr, M., Jonsén, J. 2005. Food Sovereignty *Towards democracy in localized food*  
53 *systems*. FIAN-International Published by ITDG Publishing. The Schumacher Centre  
54 for Technology and Development, Bourton Hall Bourton-on-Dunsmore, Rugby,  
55 Warwickshire, CV23 9QZ, UK. [www.itdgpublishing.org.uk](http://www.itdgpublishing.org.uk) © ITDG Publishing 2005  
56 First published in 2005 ISBN 1-85339-608-7
- 57 Windmeijer, P.N., Andriessse, W., 1993. Inland Valleys in West Africa: an Agro-ecological  
58 Characterization of Rice Growing Environments. International Institute for Land  
59 Reclamation and Improvement (ILRI), Wageningen.

- 1 Windsor, R.S. 1992. Economic benefits of controlling internal and external parasites in South  
2 American camelids, *Annals of the New York Academy of Sciences*, Vol. 653, No. June,  
3 P.398.
- 4 Witcombe, J. R., S. Gyawali, S. Sunwar, B.R. Sthapit, and K.D. Joshi. 2006. Participatory  
5 plant breeding is better described as highly client-oriented plant breeding. ii. optional  
6 farmer collaboration in the segregating generations. *Expt. Agric.* 42: 79-90.
- 7 Witcombe, J. and A. Joshi. 1996. Farmer participatory approaches for varietal breeding and  
8 selection and linkages with the formal sector. In: *Participatory Plant Breeding*, E.  
9 Eyzaguirre and M. Iwanaga (eds.) Rome IPGRI.
- 10 Witcombe, J. R., Joshi, K. D., Rana, R. B., and Virk, D. S. 2001. Increasing genetic diversity  
11 by participatory varietal selection in high potential production systems in Nepal and  
12 India. *Euphytica* 122: 575-588.
- 13 Witt, S.C. 1985. 'Biotechnology and genetic diversity.' p. 30 *California Agricultural Lands*  
14 *Project*: San Francisco, CA.
- 15 Wodageneh, A. 1989. Constraints confronting national biological control programs. p. 166-  
16 172. In J.S.
- 17
- 18 Wodageneh, A. and H. van der Wulp (FAO). 1996. Obsolete Pesticides in Developing  
19 Countries. *Pesticides News* No. 32, June 1996, pages 12-13. Available at  
20 <http://www.pan-uk.org/pestnews/Pn32/pn32p12.htm>.
- 21 Wolfe M. 1992. Barley diseases: maintaining the value of our varieties. *Barley Genetics*  
22 VI:1055-1067.
- 23 Wopereis, M.C.S., Tamélokpo, A., Ezui, G., Gnakpénou, G., Fofana, B., Breman, H., 2006.  
24 Mineral fertilizer management strategies for maize on farmer fields differing in organic  
25 input history in the African Sudan savanna zone. *Field Crop. Res.* 96, 355-362.
- 26 World Bank, 1986, *Poverty and Hunger: Issues and Options for Food Security in Developing*  
27 *Countries*. Washington DC: World Bank.
- 28 World Bank, 1992. *Effective implementation: key to development impact*. Report of Portfolio  
29 *Management Task Force* (also known as the Wapenhans Study). Washington DC:  
30 World Bank.
- 31 World Bank 1995 Bangladesh, India and Pakistan - Seed Projects, Independent Evaluation  
32 Group Report NO. 14761
- 33 World Bank, 1997. *Integrated Pest Management: strategy and policy options for effective*  
34 *implementation*. Environmentally Sustainable Development Monograph Series No. 13.  
35 Washington DC: World Bank.
- 36 World Bank. 1998a. Operational Policy 4.09 on Pest Management. World Bank, Washington  
37 DC. At: <http://wbln0018.worldbank.org/Institutional/Manuals/OpManual.nsf>.
- 38 World Bank. 1998b. Cameroon National Agricultural Extension and Research Program  
39 Support Project, Project Appraisal Document, p. 18.
- 40 World Bank. 1998c. Findings, Africa Region. No. 26, March (at  
41 <http://www.worldbank.org/afr/findings/infobeng/infob2.htm>)
- 42 World Bank. 1998d. *Assessing Aid: What Works, What Doesn't, and Why*. Oxford: Oxford  
43 University Press.
- 44 World Bank 1999. Ghana Agricultural Subsector Services Investment Program (GHPE98).  
45 Project Information Document, April 14.
- 46 World Bank 1999b. Mozambique Agricultural Sector Public Expenditure Project, #039437.  
47 Report #22286, Project Information Document p. 4. Washington DC.
- 48 World Bank 1999c. Peru Agricultural Research and Extension Project (AREP), P047690  
49 Report #19841, Project Appraisal Document, 1999/10/25. Washington DC.
- 50 World Bank Group. 1999. Ghana: Women's role in improved economic performance. Report  
51 No. 145. October. Accra.
- 52 World Bank and IMF. 2002a. HIPC Initiative: Status of Implementation. World Bank, April 14,  
53 2002.
- 54 World Bank. 2002a. *Biotechnology for Poverty Alleviation and Economic Growth: Challenges*  
55 *and Options for the World Bank*. January 7, 2002. Washington, D.C.: World Bank.
- 56 World Bank. 2002b. *Biotechnology for Poverty Alleviation and Economic Growth: Challenges*  
57 *and Options for the World Bank*. Technical Briefing Note, World Bank, Washington  
58 D.C. 07/01/2002.
- 59 World Bank. 2002c. *Rural Development Strategy*. Washington DC: World Bank. World Bank.  
60 2006. Full Debt Cancellation Approved For Some Of The World's Poorest Countries.

- Press Release N°:2006/370/PREM.  
<http://web.worldbank.org/WBSITE/EXTERNAL/NEWS/0,,contentMDK:20897535~menuPK:34463~pagePK:34370~piPK:34424~theSitePK:4607,00.html>, access 06/12/2006
- World Bank, 2005. Sustainable Pest Management: Achievements and Challenges. Report No. 32714-GLB. World Bank, Washington DC. Available at <http://info.worldbank.org/etools/docs/library/201658/783%5FReport.pdf> (verified 1 March 2007). World Bank, Washington, DC.
- World Bank. 2003. *The CGIAR at 31: An independent meta-evaluation of the consultative group on international agricultural research*, vol. 3. Operations Evaluation Department.
- World Bank. 2006. Cultural Heritage and Collective Intellectual Property Rights. IK Notes. No. 95. August. World Bank. Washington D.C.
- World Bank and IFPRI. Agriculture and achieving the Millenium Development Goals. Report No. 32729-GLB. Agriculture and Rural Development Department, World Bank. Washington, D.C. Available at [http://siteresources.worldbank.org/INTARD/Resources/Ag\\_MDGs\\_Complete.pdf](http://siteresources.worldbank.org/INTARD/Resources/Ag_MDGs_Complete.pdf)
- World Food Conference, 1974. Report of the World Food Conference. Rome, 5-16 November 1974.
- World Health Organization (WHO). 1990. *The Public Impact of Pesticide Use in Agriculture*. World Health Organization, Geneva.
- WHO/EEA, 2002
- World Meteorological Organization. 1997. Comprehensive Assessment of the Freshwater resources of the World. WMO, Geneva.
- World Resource Institute, United Nations Environment Programme, World Business Council for Sustainable Development. 2002. Tomorrow's Markets. Global Trends and Their Implications for Business. WRI, Washington D.C.; UNEP, Paris; WBCSD, Geneva.
- World Trade Organization. 1994. Annex 1C: Agreement on trade-related aspects of intellectual property rights. Geneva: WTO. Available on the World Wide Web: [http://www.wto.org/english/docs\\_e/legal\\_e/27-trips.pdf](http://www.wto.org/english/docs_e/legal_e/27-trips.pdf).
- WTO 1998. WTO Annual Report.
- Wustenberghs, H., E. Verhaegen, L. Lauwers, and L.L. Mathijs. 2004. Monitoring agriculture's multifunctionality by means of integrated nation-wide accounting. 90th EAAE Seminar on Multifunctional Agriculture, Policies and Markets: Understanding the critical linkage, October 27-29, Rennes, France.
- Yancy J, and Cecil H.. 2005. Study touts herbicide benefits, Southeast farm press, Vol. 32, No.11, P.16
- Yunus, M. and M. Islam, 1975, A Report on Shahjalal Shyamal Sylhet, Locally Sponsored Development Programme Series: Report No. 1, Rural Studies Project, Department of Economics, Chittagong University, Bangladesh. (Published by the Ministry of Cooperatives, Local Government and Rural Development, Government of the People's Republic of Bangladesh).
- Yunus, M., 1977, Story of a Deep Tubewell with a Difference: A Report on Osmania School Purba Beel Tubewell , Raozan, Chittagong, Locally Sponsored Development Programme Series: Report No. 28, Rural Studies Project, Department of Economics, Chittagong University, Bangladesh. (Published by the Ministry of Cooperatives, Local Government and Rural Development, Government of the People's Republic of Bangladesh), 84p.
- Zahm, S.H. et al. 1997. Pesticides and Cancer. *Occupational Medicine* 12(2), 269-289
- Zahm, S.H. and Ward, M.H. 1998. Pesticides and childhood cancer. *Environmental Health Perspectives* 106 (Suppl 3)
- Zahn J. 2001 Social and environmental responsibility of large enterprises in the north/south. Globalization as opportunity: the exemple of DaimlerChrysler in Latin America. POEMApapers, Belém, no.1.
- Zakharenko V. 1975. Economics and Prospects of Pesticide Application as Related to the Intensification of Framing. Papers at Sessions. VII In. Congress of Plant Protection, Moscow USSR 2 p6.
- Zhang J., Cai W.-W. and Lee D. J. 1992. Occupational hazards and pregnancy outcomes. *American Journal of Industrial Medicine* 21: 397-408.
- Zeddies, J., R. P. Schaab, P. Neuenschwander, and H. R. Herren. 2001. Economics of biological control of cassava mealybug in Africa. *Agricultural Economics* 24:209-219.

1 Zimmermann, H.G. and T. Olckers, 2003. Biological control of alien plant invaders in southern  
2 Africa. In P. Neuenschwander, C. Borgemeister and J. Langewald (ed.), Biological  
3 Control in IPM Systems in Africa. CABI Publishing, Wallingford, UK. Pp. 27-44.  
4 Zingore, S., 2006. Exploring diversity within smallholder farming systems in Zimbabwe:  
5 Nutrient use efficiencies and resource management strategies for crop production.  
6 Wageningen University, Wageningen.  
7 Zingore, S., Murwira, H.K., Delve, R.J., Giller, K.E., 2006. Influence of nutrient management  
8 strategies on variability of soil fertility, crop yields and nutrient balances on smallholder  
9 farms in Zimbabwe. *Agric. Ecosyst. Environ.* doi:10.1016/j.agee.2006.06.019.  
10