

REFERENCES

- Adams, Douglas. (1988). *Dirk Gently's Holistic Detective Agency*. p 216.
- Alston, J. M., Sexton, R.J., & Mingxia, Z. (1997). The Effects of Imperfect Competition on the Size and Distribution of Research Benefits. *American Journal of Agricultural Economics*, 79(November):1252-1265.
- Alston, J.M., Norton, G.W., & Pardey, P.G. (1995). *Science Under Scarcity: Principles and Practices of Agricultural Research Evaluation and Priority Setting*. Ithaca, NY: Cornell University Press.
- Anderson, K., Nielson, C., Robinson, S., & Thierfelder, K. (2001). Modeling the Global Market Effects of GMO's: The importance of preferences and policy choices. Agricultural Biotechnology: Markets and Policies in an International Setting. AARES Preconference workshop. January.
- Annecke, D. P., & Moran V. C. (1982). *Insects and mites of cultivated plants in South Africa*. Butterworths, Durban.
- Anthony, M. (2002). Department of Agriculture, Mpumalanga, Personal communication.
- ARC – Tobacco and Cotton Research Institute. (1996). *Management Guide for the Cotton Producer*. (Revised Edition).
- ARC-GCI (2000). Unpublished information, Grain Crops Research Institute, Potchefstroom.
- Barry, J. H. E. (2002). GM Plants, Bt Corn/Maize. A Farmer's Perspective. Presentation at SADC Biotechnology, Trade and Policy Workshop, Rosebank, South Africa, 10-11 July.

Bennett, A. (2001). The Impact of Bt-Cotton on Small Holder Production in the Makhathini Flats, South Africa. Available on the World Wide Web at www.monsantoafrica.com/reports/bt_report/BtCottonReport.html

Bredahl, R., Maury, E., & Kalaitzandonakes, N. G. (2001). Biotechnology: Can We Trade It? *The Estey Centre Journal of International Law and Trade Policy*, 2(1):75-92.

Brookes, G. (2002). The farm level impact of using Bt maize in Spain. Available on the World Wide Web at www.europabio.org/upload/documents

Calcaterra, M., & Poonyth, D. (2001). Soft Cotton Hard Market, A NAMC Report on Tariff Protection in the South African Cotton Industry.

Caswell, Fuglie, & Kotz, (1994). Agricultural Biotechnology, An Economic Perspective, An Economic Research Service report, USDA.

Conko, Gregory, & Smith, (2000). Biotechnology and the Value of Ideas in Escaping the Malthusian Trap. Competitive Enterprise Institute. Available on the World Wide Web at www.agbioforum.org

Cotton SA Core Statistics (2001).

Cotton SA Katoen. (2002). *A Journal for the Cotton Industry*, 5(2):11, May.

Cotton SA, Monthly Market Reports. www.cottonsa.org.za

Department of Agriculture (1991). Crop Production Guidelines for 1992/1993. Unpublished guidelines to Department extension officers, South Africa.

EuropaBio Biotechnology Information Kit (2002). The European Association for Bioindustries. Available on the World Wide Web at www.africabio.com

Falck-Zepeda, J.B., Traxler, G., & Nelson, R.G. (2000). Surplus Distribution from the introduction of biotechnology innovation. *American Journal of Agricultural Economics*, 82(2):360-369.

FANRPAN & IFPRI (2002). Biotechnology, Agriculture and Food Security in Southern Africa, A concept note for regional policy dialogue. Johannesburg South Africa, April 25-27.

Fare, R., Grosskopf, S., & Lovell, C.A.K. (1985). *The Measurement of Efficiency of Production*, Kluwer-Nijhoff, Boston.

Farrell, M.J. (1957). The measurement of productive efficiency, *Journal of the Royal Statistical Society A* 120, Part 3:253-81.

Gaisford, J. D., & Chui-Ha, L. (2000). The Case for and Against Import Embargoes on Products of Biotechnology. *The Estey Centre Journal of International Law and Trade Policy*, 1(1):83-98.

Genetically engineered crops – Agricultural biotechnology concepts and definitions. www.ers.usda.gov/emphasis/harmony/issues/genecrops/terms.htm

Gonzales, L. (2002). Likely transcendental effects of Agri-Biotechnology: The case of Bt hybrid corn in the Philippines. Symposium on Bt Technology, UPLB-CA Foundation, Laguna, March. As seen on the World Wide Web at www.seedquest.com/News/releases/2003/march/5459a.htm

Gouse, M. & Kirsten J.F. (2002). Production of Genetically Modified White Maize Under Subsistence Small-holder Conditions in South Africa, Assessment based on first season results, Progress Report to Monsanto Company.

Gouse, M., Kirsten, J.F., & Jenkins, L. (2003). Bt Cotton in South Africa: Adoption and the Impact on Farm Incomes amongst Small-scale and Large-scale farmers. *Agrekon*. 42(1):15-28, March.

Green, W. (2001 - 2003). Monsanto South Africa, Personal communication.

Hofs, J.L. (2001). Fruiting Pattern and Production Analysis of a Bt Cotton (*Gossypium hirsutum* L.) Cultivar Compared to its non-Bt Isogenic Strain in South African Commercial Farming Conditions. Working Paper, Cirad fellow researcher at University of Pretoria, Department of Plant Production.

Hofs, J.L., Steyn, J., & Kirsten J.F. (2001). Which simplified technical itinerary is suitable for small-scale cotton growers? - Suitability of transgenic bollworm resistant cotton under small scale farming conditions, Working paper, University of Pretoria, Department of Plant Production.

Hofs, J.L., & Kirsten J.F. (2001). Genetically Modified Cotton in South Africa: The Solution for Rural Development? Working Paper, University of Pretoria, Department of Plant Production.

Huang, J., & Sexton, R. J. (1996). Measuring Returns to an Innovation in an Imperfectly Competitive Market: Application to Mechanical Harvesting of Processing Tomatoes in Taiwan. *American Journal of Agricultural Economics*, 78(August):558-571.

Hyde, J., Marshall, A.M., Preckel, P. V., & Edwards, C.R. (1999). The Economics of Bt Corn: Valuing Protection from the European corn borer. *Review of Agricultural Economics*, 21(2) Fall / Winter.

International Service for the Acquisition of Agri-biotech Applications. Available on the World Wide Web at www.isaaa.org

Ismael, Y., Bennett, R., Morse, S., & Buthelezi, T.J. (2002). BT Cotton, Pesticides, Labour and Health, A case study of smallholder farmers in The Makhathini Flats, Republic of South Africa. Paper presented at 6th International ICABR Conference, Ravello, Italy, July 11-14.

Ismaël, Y., Beyers, L., Piesse, J., & Thirtle, C. (2001). Smallholder adoption and economic impacts of Bt cotton in the Makhathini Flats, Republic of South Africa, report for DFID Natural Resources Policy Research Programme, Project R7946, April 2001.

Juma, Calestous, (2003). Biotechnology Debate Steered by Myths Not Science, Expert Says, State Department's electronic journal, Economic Perspectives, September. Available on the World Wide Web at <http://usinfo.state.gov/journals/journals.htm>

Kalaitzandonakes, N. G. (2000). Agrobiotechnology and Competitiveness. *American Journal of Agricultural Economics*, 82(5):1224-1233

Kelemu, S., Mahuku, G., Fregene, M., Pachino, D., Johnson, N., Lee, C., Rao, I., Buruchara, R., Amede, T., Kimani, P., Kirby, R., Kaaria, S., & Ampofo, K. (2003). Harmonizing the agricultural biotechnology debate for the benefit of African farmers, *African Journal of Biotechnology*, 2(11):394-416, November. Available on the World Wide Web at <http://www.academicjournals.org/AJB>

Kershen, D. (1999). Biotechnology: An essay on the academy, cultural attitudes and public policy. Available on the World Wide Web at www.agbioforum.org/vol2no2/kershen.html

Kfir, R. (1997). Natural control of the cereal stemborers *Busseola fusca* and *Chilo partellus* in South Africa. *Insect Science and its Application*, 17(1):61-67.

Kloppers, R. (2000). Personal Communication, PANNAR, Greytown, Natal. E-mail correspondence, 26 July 2000.

Malthus, T. (1798). An Essay on the Principle of Population. London, Available on the World Wide Web at www.socsci.mcmaster.ca/~econ/ugcm/3113/malthus/popu.txt

Marra, M.C., Carlson, G., & Hubbell, B. (1998). Economic Impacts of First Crop Biotechnologies. Available on the World Wide Web at www.ag-econ.ncsu.edu/faculty/marra/firstcrop

Marra, M. C., Pardey, P.G., & Alston, J. M. (2002). The Payoffs to Agricultural Biotechnology: An Assessment of the Evidence. Environment and Production Technology Division, IFPRI, January.

Moschini, G. (2001). Biotech – Who Wins? Economic Benefits and Costs of Biotechnology Innovations in Agriculture. *The Estey Centre Journal of International Law and Trade Policy*, 2(1):93-117.

Moschini, G., & Lapan., H. (1997). Intellectual Property Rights and the Welfare Effects of Agricultural R&D. *American Journal of Agricultural Economics*, 79(November):1229-1242.

NAMPO. (1993). Maize Production in the Nineteen Nineties.

Nef, J. (1998). The interface between “hard” and “soft” technologies: biotechnology, venture capital and management in Chile. Report for the IDRC’s Latin American and Caribbean Research Office. Available in the World Wide Web at <http://www.idrc.ca/lacro/vencap/nef.html>

Nelson, G.C. (2001). *Genetically Modified Organisms in Agriculture, Economics and Policies*. University of Illinois, Urbana, USA.

Nolte, C. (2003). Personal communication, Clark Cotton, Marblehall and Johannesburg.

Norfolk Genetic Information Network. Available on the World Wide Web at <http://ngin.tripod.com>

Oehmke, J.F., & Crawford, E.W. (2002). The sensitivity of returns to research calculations to supply elasticity. *American Journal of Agricultural Economics*, 84(2):366-369.

Olivier, D. (2002). Personal communication, Delta and Pineland, Groblersdal.

Petersen, W. (1990). Malthus the reactionary reformer. *The American Scholar*, 59(Spring):280.

Pinstrup-Andersen, P. (2001). Rich and Poor Country Perspectives on Biotechnology, Pre conference workshop: Agricultural Biotechnology: Markets and Policies in an International Setting, Adelaide, South Australia, 22 January.

Pinstrup-Andersen, P., & Cohen, M. J. (2001). Rich and Poor Country Perspectives on Biotechnology, Chapter 3 in *The Future of Food, Biotechnology Markets in an International Setting*. Edited by Phillip G Pardey, IFPRI, The John Hopkins University Press.

Prakash, C.S. (2001). The genetically modified crop debate in the context of agricultural evolution. *Plant Physiology*, 126(May):8-15. Available on the World Wide Web at www.plantphysoil.org

Pray , C.E., & Schimmelfennig, D.E. (2001). South Africa Trip Report – Role of Biotech in S. African Agriculture. Unpublished Report. Department of Agricultural, Food and Resource Economics, Rutgers University.

Pray , C.E., & Schimmelfennig, D.E. (2002). South Africa Trip Report 2002. Unpublished Report. Department of Agricultural, Food and Resource Economics, Rutgers University.

Pray, C., Schimmelfennig, D., & Brennan, M. (2000). Market Structure And Innovation Intensity In Agricultural Biotechnology. Contributed paper presented at the Annual meeting of the AAEA, 31 July to 2 August 2000, Tampa, Florida.

Pray, C.E., Ma, D., Huang, J., & Qiao, F. (2001). Impact of Bt cotton in China. *World Development*, 29(5):813-825.

Qaim, M. (2002). Bt Cotton in India: Field-Trial Results and Economic Projections. Department of Agricultural and Resource Economics, UC, Berkeley.

Report of an Expert Panel on Biotechnology in Cotton. (2000). International Cotton Advisory Committee. November.

Rheeder, J.P., Marasas, W. F. O., Thiel, P.G., Sydenham, E.W., Shepard, G.S., & Van Schalkwyk, D.J. (1992). Fusarium moniliforme and fumonisins in corn in related to human esophageal cancer in Transkei. *Phytopathology*, 82:353-357.

Rybicki, E. (1999). Agricultural molecular biotechnology in South Africa: new developments from an old industry. *AgBiotechnet*, Vol. 1, ABN 023, August.

SA Grain, (2001). Mouthpiece of Grain South Africa, July.

South African Variety List as Maintained by the Registrar of Plant Improvement. April 2001- November 2003.

Shankar, B., & Thirtle, C. (2003). Pesticide Productivity and Transgenic Cotton Technology: The South African Small-holder Case. The University of Reading, Agriculture and Food Economics, A working paper. Available on the World Wide Web at <http://www.apd.rdg.ac.uk/AgEcon/research/workingpapers/>

Traxler, G. & Falck-Zepeda, J. (1999). The Distribution of Benefits from the Introduction of Transgenic Cotton Varieties. *AgBioForum*, Vol 2. No 2. pp94-98

Tripp, R. (2000). Can Biotechnology Reach the poor? The adequacy of information and seed delivery. Overseas Development Institute. *Food Policy*, 26(3):249-264, December.

Tulsi, P. R. (2000). The Potential Market Implications and Impact of Genetically Modified Organisms (GMO's) to the Maize Industry. Published MBA, Faculty of Management, University of Witwatersrand, September.

Van Jaarsveld, J. (2002). Delta Pineland South Africa, Makhathini Flats, Personal communication.

Van Rensburg, J.B.J. (1998). Evaluation of Bt. – Transgenic maize for resistance to the stem borers *Busseola fusca* (Fuller) and *Chilo partellus* (Swinhoe) in South Africa, ARC-Grain Crops Institute, October 1998, Potchefstroom, South Africa.

Varian, H. R. (1996). *Intermediate Microeconomics, A Modern Approach*. Fourth Edition.

Wolt, J.D., & Peterson, R.K.D. (2000). Agricultural biotechnology and societal decision-making: the role of risk analysis. Available on the World Wide Web at www.agbioforum.org

Other sites on the World Wide Web:

http://agriculture.kzntl.gov.za/scientific_publications

<http://africabio.com>

http://www.consumcrfreedom.com/headline_detail.cfm

<http://www.dst.gov.za>

<http://www.usda.gov/news/bioqa>

http://www.museums.org.za/bio/insects/lepidoptera/noctuidae/busseola_fusca

<http://www.nti.org>