

## List of Professional Publications - J Brian Hardaker

### A. BOOKS AND MAJOR REPORTS

1. Sykes, J.D., and Hardaker, J.B. 1962, *The Potato Crop - Policy and Practices*, Department of Agricultural Economics, Wye College, Ashford, Kent, pp. 76.
2. Sykes, J.D. and Hardaker, J.B. 1963, *Your Farm Business* (including *Farm Business Statistics Supplement*), Department of Agricultural Economics, Wye College, Ashford, Kent, pp. 59.
3. Williams, C.M. and Hardaker, J.B. 1966, *The Small Fen Farm*, Occasional Papers No. 10, Farm Economics Branch, University of Cambridge, pp. 93.
4. Hardaker, J.B. 1966, *Report on the Economics of Commercial Plantation Agriculture in Seychelles*, Ministry of Overseas Development, London, pp. 93.
5. Powell, R.A. and Hardaker, J.B. 1968, *Planting Wheat Farms in North Western New South Wales*, Farm Management Report No. 14, Department of Farm Management, University of New England, Armidale, pp. 45.
6. Hardaker, J.B. 1970, *Report on the Economics of Agriculture*, Kingdom of Tonga, pp. 106.
7. Hardaker, J.B., Lewis, J.N. and McFarlane, G.C. 1970, *Farm Management and Agricultural Economics - An Introduction*, Angus and Robertson, Sydney, pp. 201.
8. Hardaker, J.B. 1971, *Farm Planning by Computer*, Ministry of Agriculture, Fisheries and Food, Technical Bulletin No. 19, HMSO, London, pp. 132.
9. Heath, J.C., Greig, I.D. and Hardaker, J.B. 1972, *The Mules Operations: An Evaluation*, Farm Management Bulletin No. 15, University of New England, Armidale, pp. 79.
10. Hardaker, J.B. (ed.) 1975, *The Subsistence Sector in the South Pacific*, University of the South Pacific, Suva, pp. 210.
11. Anderson, J.R., Dillon, J.L. and Hardaker, J.B. 1977, *Agricultural Decision Analysis*, Iowa State University Press, Ames, pp. 344.
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13. Hardaker, J.B. 1979, *Farm Planning by Computer*, (Revised edn), Ministry of Agriculture, Fisheries and Food, GMF2, HMSO, London, pp. 140.
14. Dillon, J.L. and Hardaker, J.B. 1980, *Farm Management Research for Small Farmer Development*, FAO Agricultural Services Bulletin 41, FAO, Rome, pp. 145, Spanish edn 1981, French edn 1983.
15. Soekartawi, Soeharjo, A., Dillon, J.L. and Hardaker, J.B. 1984, *Ilmu Usahatani dan Penelitian Untuk Pengembangan Petani Kecil*, Directorate General of Higher Education, Indonesia and Australian Universities International Development Program, Canberra. (Revised edition 1986.)
16. Anderson J.R. with Hardaker, J.B. 1985, *Uncertainty and Public Project Appraisal*, Miscellaneous Publication No. 8, Department of Agricultural Economics and Business Management, University of New England, Armidale, pp. 41.
17. Newman, R.L., Parton, K.A. and Hardaker, J.B. 1986, *Evaluation of Strategies of Helminth Control Sheep on the Northern Tablelands of NSW*, Farm Management Report No. 19, Department of Agricultural Economics and Business Management, University of New England, Armidale, pp. 91.
18. Hardaker, J.B., Delforce, J.C., Fleming, E.M. and Sefanaia, S. 1987, *Smallholder Agriculture in Tonga: Report of the South Pacific Smallholder Project in Tonga 1984-85*, South Pacific Smallholder Project, University of New England, Armidale, pp. xi + 98.
19. Jones, S., Fleming, E.M. and Hardaker, J.B. 1988, *Smallholder Agriculture in Solomon Islands: Report of the South Pacific Smallholder Project in Solomon Islands, 1985-86*, South Pacific Smallholder Project, University of New England, Armidale, pp. xxi + 206.
20. Ghodake, R.D. and Hardaker, J.B. 1987, *Development and Application of Whole-Farm Modelling for Technology Assessment at ICRISAT - Documentation*, Economics Group Village Level Studies Miscellaneous Paper, ICRISAT, Patancheru, A.P. India, Part I, pp. ii + 70, Part II, pp. iv + 80.
21. Gyles, A.L., Sefanaia, S. Fleming, E.M. and Hardaker, J.B. 1988, *Farm Management Handbook for Tonga*, South Pacific Smallholder Project, Ministry of Agriculture, Fisheries and Forests, Nuku'alofa, Tonga, pp. vi + 139.

22. Gyles, A., Hardaker, J.B. and Verspay, H.M.H. 1989, *Farm Management Handbook for Tonga*, (2nd edn), Technical Bulletin No. 8, published for the Planning Unit, Ministry of Agriculture, Fisheries and Forests, Tonga, by the South Pacific Smallholder Project, University of New England, Armidale, pp. vii + 198.
23. Finlayson, M., McComb, J., Hardaker, J.B. and Heywood, P. 1991, *Commercialisation of Agriculture at Karimui, Papua New Guinea: Effects on Household Production, Consumption and the Growth of Children*, Department of Agricultural Economics and Business Management, University of New England, Armidale, pp. xv + 195.
24. Dillon, J.L. and Hardaker, J.B. 1993, *Farm Management Research for Small Farmer Development*, FAO Farm Systems Management Series 6, FAO, Rome, pp. xiii + 302, (new edition of 14 above).
25. Milham, N., Hardaker, J.B. and Powell, R. 1993, *RISKFARM: A PC-Based Stochastic Whole-Farm Budgeting System*, Centre for Agricultural and Resource Economics, University of New England, Armidale, pp. viii + 101.
26. Hardaker, J.B. 1993, *Economic Assessment of Agroforestry Work in Fiji*, Technical Report 16, Fiji German Forestry/Agroforestry Project, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, Suva, pp. iv + 61 (including a 5 page appendix by Tin Hta Nu).
27. Hardaker, J.B. and Fleming, E. 1994, *Pacific 2010: Strategies for Melanesian Agriculture for 2010: Tough Choices*, Pacific Policy Papers No. 13, National Centre for Development Studies, Australian National University, Canberra, pp. vi + 156.
28. Dixon, J.M., Hall, M., Hardaker, J.B. and Vyas, V.S. 1994, *Farm and Community Information Use for Agricultural Programmes and Policies*, FAO Farm Systems Management Series No. 8, FAO, Rome, pp. ix + 100.
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30. Hardaker, J.B., Huirne, R.M.B. and Anderson, J.R. 1997, *Coping with Risk in Agriculture*, CAB International, Wallingford, xi + 274.
31. Huirne, R.M.B., Hardaker, J.B. and Dijkhuizen, A.A. (eds) 1997, *Risk Management Strategies in Agriculture: State of the Art and Future Perspectives*, Mansholt Studies 7, Wageningen Agricultural University, xiv + 319.
32. Fleming, E. and Hardaker, J.B. (eds) 1997, *Strategic Issues in Economic Development of Melanesian Agriculture*, Development Issues 5, National Centre for Development Studies, Australian National University, Canberra, xiii + 178.
33. Hardaker, J.B., Huirne, R.M.B., Anderson, J.R. and Lien, G. 2004, *Coping with Risk in Agriculture*, 2nd edn, CAB International, Wallingford, xii + 332.

#### **B. JOURNAL ARTICLES**

1. Cocks, K.D. and Hardaker, J.B. 1965, 'Farm recording of labour and machinery use', *N.A.A.S. Quarterly Review* 69, 22-7.
2. Hardaker, J.B. 1965, 'Investment decisions in agriculture', *Westminster Bank Review*, November, 37-43.
3. Hardaker, J.B. and Gunn, H.J. 1966, 'The principles of long term planning', *Journal of the Chartered Land Agents Society* 65(6), 226-31.
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8. Gunn, H.J. and Hardaker, J.B. 1967, 'Long-term farm planning - a re-examination of principles and methods', *Journal of Agricultural Economics* 18(2), 271-8.
9. Hardaker, J.B. 1967, 'Farm planning with gang size restrictions', *N.A.A.S. Quarterly Review* 76, 166-76.
10. Hardaker, J.B. 1967, 'The use of simulation techniques in farm management research', *Farm Economist* 11(4), 162-71.
11. Hardaker, J.B. 1967, 'Analysis of the solution tableau of a standard linear programming problem - a comment', *Journal of Agricultural Economics* 18(3), 407-8.

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19. Trebeck, D.B. and Hardaker, J.B. 1972, 'The integrated use of simulation and stochastic programming for whole farm planning under risk', *Australian Journal of Agricultural Economics* 16(2), 115-26.
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22. Anderson, J.R. and Hardaker, J.B. 1972, 'An appreciation of decision analysis in management', *Review of Marketing and Agricultural Economics* 40(4), 170-84.
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30. Hardaker, J.B. 1979, 'A review of some farm management research methods for small-farm development in LDCs', *Journal of Agricultural Economics* 30(3), 315-28.
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34. Herath, H.M.G., Hardaker, J.B. and Anderson, J.R. 1982, 'Choice of varieties by Sri Lanka rice farmers: comparing alternative decision models', *American Journal of Agricultural Economics* 64(1), 87-93.

35. Sondakh, L., Hardaker, J.B. and Makaliwe, W.H. 1982, 'A note on the application of dynamic linear programming for small coconut farm development', *Ekonomi dan Keuangan Indonesia* 30(2), 187-204.
36. Hardaker, J.B. and Anderson, J.R. 1982, 'More gloom than doom about microcomputers for farmers', *Review of Marketing and Agricultural Economics* 50(3), 301-2.
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42. Hardaker, J.B., Anderson, J.R. and Dillon, J.L. 1984, 'Perspectives on assessing the impacts of improved agricultural technologies in developing countries', *Australian Journal of Agricultural Economics* 28(2/3), 87-108.
43. Hardaker, J.B., MacAulay, T.G., Soedjono, M. and Darkey, C.K.G. 1985, 'A model of a padi farming household in central Java', *Bulletin of Indonesian Economic Studies* 21(3), 30-50.
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46. Hardaker, J.B. 1986, 'World food: facts and fallacies', *Chiasma* 86, 6-8.
47. Fleming, E. and Hardaker, B. 1986, 'Agricultural supply response in the South Pacific', *Pacific Economic Bulletin* 1(1), 25-6.
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50. Fleming, E. and Hardaker, B. 1988, 'Current economic trends in selected South Pacific countries', *Pacific Economic Bulletin* 3(1), 1-12.
51. Hardaker, J.B. 1988, 'Smallholder agriculture in the South Pacific: some furrphies and a few home truths', *Pacific Economic Bulletin* 3(2), 18-21.
52. Patten, L.H., Hardaker, J.B. and Pannell, D.J. 1988, 'Utility-efficient programming for whole-farm planning', *Australian Journal of Agricultural Economics* 32(2 & 3), 88-97.
53. Hardaker, J.B. and Fleming, E.M. 1989 'Agricultural research problems in small developing countries: case studies from the South Pacific island nations', *Agricultural Economics* 3(4), 279-91.
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55. Antony, G. and Hardaker, J.B. 1991, 'Formal priority setting in farming systems research', *Journal of the Asian Farming Systems Association* 1(1), 133-51.
56. Hardaker, J.B., Pandey, S. and Patten, L.H. 1991, 'Farm planning under uncertainty: a review of alternative programming models' *Review of Marketing and Agricultural Economics* 59(1), 9-22.
57. Fleming, E.M., Hardaker, J.B. and Delforce, J.C. 1991, 'Smallholder agricultural economy at the crossroads: policy priorities for sustainable agricultural development in South Pacific island nations', *Journal de la Société des Océanistes* 92-92(1 & 2), 119-26.
58. Fleming, E. and Hardaker, B. 1992, 'Prospects for niche marketing in South Pacific island nations', *Pacific Economic Bulletin* 7(1), 21-6.
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61. Fleming, E.M. and Hardaker, J.B. 1993, 'Micro-level approaches to analysing rural development problems', *Review of Marketing and Agricultural Economics* 61(2) (Part II), 213-226.
62. Hardaker, J.B. and Jarrett, F.G. 1993, 'Mechanisms of socio-economic change in rural areas of developing countries: an overview', *Review of Marketing and Agricultural Economics* 61(2) (Part II), 201-211.
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64. Hardaker, B. and Fleming E. 1994, 'Implications of population growth for managing sustainable agricultural development in the South Pacific Island Nations', *Development Bulletin* 31(July), 12-14.
65. Kennedy, J.O.S., Hardaker, J.B. and Quiggin, J. 1994, 'Incorporating risk aversion into dynamic programming models: comment', *American Journal of Agricultural Economics* 76(4), 960-4.
66. Pandey, S. and Hardaker, J.B. 1995, 'The role of modelling in the quest for sustainable farming systems', *Agricultural Systems* 47, 439-50.
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71. Lien, G., and Hardaker, J.B. 2001, 'Whole-farm planning under uncertainty: impacts of subsidy scheme and utility function on portfolio choice in Norwegian agriculture', *European Review of Agricultural Economics* 28(1): 17-36.
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73. Meuwissen M.P.M., Huirne R.B.M. and Hardaker J.B. 2001, 'Risk and risk management; an empirical analysis of Dutch livestock farmers', *Livestock Production Science* 69, 43-53.
74. Rola-Rubzen, M.F., Hardaker, J.B. and Dillon, J.L. 2001, 'Agricultural economists and world poverty: progress and prospect', *Australian Journal of Agricultural and Resource Economics* 45(1), 39-66.
75. Rola-Rubzen, M.F. and Hardaker, J.B. 2003, 'Ag econ angst crisis: a rejoinder', *Australian Journal of Agricultural Economics* 47(2) 275-79.
76. Lien, G., Kristensen, A.R., Hegrenes, A. and Hardaker, J.B. 2003, 'Optimal length of leys in an area with winter damage problems', *Grass and Forage Science* 58, 168-177.
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79. Lien, G., Størdal, S., Hardaker, J.B., Asheim, L.J. 2006, 'Risk aversion and optimal forest replanting: A stochastic efficiency study', *European Journal of Operational Research* (forthcoming)..

### C. CHAPTERS IN BOOKS

1. Anderson, J.R. and Hardaker, J.B. 1973, 'Management decisions in drought', in J.V. Lovett (ed.), *Drought in Australia*, Angus and Robertson, Sydney, 220-44.
2. Anderson, J.R. and Hardaker, J.B. 1979, 'Economic analysis in design of new technologies for small farmers', in A. Valdes, G.M. Scobie and J.L. Dillon (eds), *Economics and the Design of Small Farmer Technology*, Iowa State University Press, Ames, 11-26.
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5. McComb, J.R., Finlayson, M.P., Hardaker, J.B. and Heywood, P.F. 1994, 'The effect of a short-lived plantation on income, consumption, and nutrition: an example from Papua New Guinea', in J. von Braun and E. Kennedy (eds), *Agricultural Commercialization, Economic Development and Nutrition*, Johns Hopkins University Press, Baltimore, pp. 218-38.
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#### **D. PAPERS PUBLISHED IN CONFERENCE AND WORKSHOP PROCEEDINGS**

1. Hardaker, J.B. 1969, 'A review of agricultural adjustment policies of overseas countries', in J.P. Makeham and J.G. Bird (eds), *Problems of Change in Australian Agriculture*, University of New England, Armidale, 114-22.
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