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# 31st ANNUAL CONFERENCE

## AUSTRALIAN AGRICULTURAL ECONOMICS SOCIETY ADELAIDE, 9-12 FEBRUARY 1987

### *Presidential address*

Lindner, R. K. (University of Western Australia), Toward a framework for evaluating agricultural economics research.

### *Invited papers*

Barichello, R. (Harvard Institute for International Development), Creative import controls: the case of milk in Indonesia.

Beggs, J. J. (Australian National University), Diagnostic testing in applied econometrics.

Cruz, C. J. and Cruz, W. D. (University of the Philippines), Financing irrigation programs in the Philippines.

Freebairn, J. (Monash University), Industrial relations systems: options in theory and practice for agriculture.

Griffiths, W. E. (University of New England), Bayesian econometrics and how to get rid of those wrong signs.

Johnson, D. G. (University of Chicago), World agriculture in disarray revisited.

Kingwell, R. (Western Australian Department of Agriculture), The Midas experience: problems and lessons in farm management.

Malcolm, L. R. (University of Melbourne), Farm management research: watersheds and widdershins.

Martin, W. J., Murphy, C. W. and Nguyen, D. T. (Australian National University), Influences on the Australian real exchange rate: an analysis using the AMPS model.

Norris, K. (Murdoch University), Central wage fixation and the agricultural sector.

O'Mara, L. P., Wallace, N. A. and Meshios, H. (Bureau of Agricultural Economics), The current account, monetary policy, market sentiment and the real exchange rate: some implications for the farm sector.

Rausser, G. C. (University of California), Political failure and reform of agricultural policy.

### *Contributed papers*

Alston, J. (Department of Agriculture and Rural Affairs, Victoria) and Chalfant, J. A. (University of California), Weak separability and a test for the specification of income in demand models with an application to the demand for meat in Australia.

Arch, A. (Department of Agriculture and Rural Affairs, Victoria), Public funding for soil conservation.

Ball, K. and Bartley, S. (Bureau of Agricultural Economics), Influence of

socio-economic and demographic factors on the demand for meat.

Bardsley, P. (Bureau of Agricultural Economics), Mean-variance analysis and generalised expected utility theory.

Bartholomew, R. B., Wilson, T. D. and Peachey, A. J. (Queensland Department of Primary Industry), Evaluation of economic data collection alternatives: PNG coffee largeholder sector.

Beare, S. and Coote, R. (Bureau of Agricultural Economics), Promotion response in retail market share of wool in the US market for men's suits.

Benson, R., Espinas, V., Andrews, A., Johnson, J., Price, D. and Small, A. (NSW Department of Agriculture), On farm grain storage from a policy perspective — models, costs and utilisation.

Brennan, J. P. and Cullis, B. R. (NSW Department of Agriculture), Estimating adoption and disadoption of wheat cultivars.

Burns, J. P. A., Meyler, M. J. and Tiernan, P. (University of Adelaide), Grape marketing and minimum prices: some experimental results.

Chapman, J. and Strier, L. (Bureau of Agricultural Economics), Five-year plans for Soviet agricultural industries. Are they relevant as production indicators?

Collins, D. and Brown, D. (Bureau of Agricultural Economics), Modelling economic behaviour in the northern prawn fishery.

Condie, C. (Australian National University) and Wright, V. (University of New England), Analysis of fibre preference among Australian consumers.

Connolly, G. P., MacAulay, T. G. and Piggott, R. R. (University of New England), Wool price stabilisation: net revenue effects by grade.

Davidson, B., Kaine-Jones, G. and MacAulay, T. G. (University of New England), Wool supply by grade in Australia and New Zealand.

Davis, J. S. and Ryan, J. G. (Australian Centre for International Agricultural Research), Priority assessment in agricultural research: international and national perspectives.

Delforce, J. C., Fleming, E. H. and Hardaker, J. B. (University of New England) and Sefanaia, S. (Ministry of Agriculture, Fisheries and Forests, Tonga), The economy of smallholder agriculture in the kingdom of Tonga.

Delforce, J. C. and Hardaker, J. B. (University of New England), Progress in modelling economic behaviour of smallholder households in the kingdom of Tonga.

Dickson, A. (Bureau of Agricultural Economics), Seasonality in wool prices and supply.

Dunstan, G. (University of Adelaide), The market for SA wine grapes: interstate trade and the Australian constitution.

Ekanayake, R. (University of New England), The impact of rational use and conservation of remnant forests and woodlands.

Ekanayake, R. (University of New England), Preferences and choices for preserving eucalypt woodland in northern NSW.

Etherington, D. M. (Australian National University) and Nianggolan, S. M. (Litbang Transmigrasi, Indonesia), Combining static linear programming and dynamic budgeting for optimal resource allocation, a micro-computer approach.

Etherington, D. M. and Woldekidan, B. (Australian National University), Variation in allocative and technical efficiency with resource type in the Ethiopian highlands: a case study.

Flavel, N., Collins, D. and Menz, K. (Bureau of Agricultural Economics), Climatic indexes for Australian grazing industries.

Fleming, E. M., Hardaker, J. B. and Jones, S. C. (University of New England), Assessment of policy options for agricultural export stabilisation in the South Pacific.

Fraser, R. W. (University of Western Australia), Product complementarity and product diversification.

Gibbs, M., Lindner, R. K. and Fischer, A. J. (University of Adelaide), Reliability of elicited means and variances: a study of farmers' beliefs about wheat yields.

Godden, D. (NSW Department of Agriculture), Conchrane's technology treadmill revisited: modelling technological change in agriculture.

Godden, D. and Gellatly, C. (NSW Department of Agriculture), Are Australian farmers more efficient than their subsidised overseas counterparts?

Godden, D. and Brennan, J. (NSW Department of Agriculture), Technological change embodied in southern NSW and British wheat varieties.

Godyn, D., Cregan, P., Scott, B., Helyar, K. and Hochman, Z. (NSW Department of Agriculture), Cost of soil acidification: southern NSW.

Hall, N., Quiggin, J., Fraser, L. and Purtill, A. (Bureau of Agricultural Economics), New wine in an old bottle: updating the regional programming model.

Harris, M. and Murtough, G. (Bureau of Agricultural Economics), Farm land values and asset pricing.

Higgs, P. J. (Impact Project), Adaptation and survival in Australian agriculture.

Hinchy, M. (Bureau of Agricultural Economics), Evaluating the producer benefits from underwriting.

Hogan, L. I. and Tie, G. (Bureau of Agricultural Economics), The impact of lower world oil prices on Australian agricultural exports.

Hossain, M. M. and Morris, P. (Bureau of Agricultural Economics), Australia's import demand for printing and writing paper: a short run estimate.

Hunt, C., Tiernan, P. and Wilson, E. (Flinders University), Centralisation of information and exchange with special reference to the SA winegrape industry.

Izac, A.-M. N. (University of Queensland), Bounded rationality and bushfire management decisions.

Jarrett, I. S. (Queensland Department of Primary Industries) and Longworth, J. W. (University of Queensland), The influence of product characteristics on wholesale beef carcass prices in Japan.

Johnston, J. H. (NSW Department of Agriculture) and Roberts, E. J. (Agricultural Protection Board of Western Australia), The costs of farm inspection for agricultural pest management with particular reference to stored grain insects.

Leiblit, M. and Hall, N. (Bureau of Agricultural Economics), Supply response on Australian dairy farms.

Lloyd-Smith, J. (Western Australia Department of Agriculture), Assessing the impact of intervention on the Australian wheat industry.

Longworth, J. W. (University of Queensland), Biotechnology: scientific potential and socio-economic implications for agriculture.

MacAulay, T. G. (University of New England), EEC beef exports and milk quotas.

MacAulay, T. G. (University of New England) and Casey, H. C. (University of Reading), An exact LP solution for spatial equilibrium models.

MacAulay, T. G., Thomas, W. C. and Musgrave, W. F. (University of New England), Exchange rates and assistance to agriculture.

Manning, C. (Flinders University), Labour surplus to labour scarcity?

Mannion, G. R., Tillack, R. L. and Vincent, D. P. (Industries Assistance Commission), The effects of higher petroleum product excises and alternative policy responses to lower crude oil prices.

Martin, J. and Pearson, D. (Bureau of Agricultural Economics), Costs of protection in the Japanese dairy industry.

Martin, S. K. and Zwart, A. C. (Lincoln College), The influence on producer returns of promotion under discriminatory pricing.

Mullen, J. D. (NSW Department of Agriculture), The impact on the NSW lamb industry of changing fat and lean lamb price relativities.

Nguyen, D. T. and Martin, W. J. (Australian National University), When is the real exchange rate a useful concept?

Pannell, D. J. and Pol, J. E. (Western Australian Department of Agriculture), Prospects for field pea rotations in Western Australia's northern wheat belt.

Parsons, D. (Flinders University), Some intersectoral effects on the Japanese economy arising from a fall in the price of petroleum: a focus on agriculture.

Parton, K. A. and Piggott, R. R. (University of New England), A structural model of markets for rice and secondary food crops in Indonesia for food policy analysis.

Pascoe, S., Geen, G. and Smith, P. (Bureau of Agricultural Economics), Price determination in the Sydney seafood market.

Patrick, G. F. (Purdue University) and Cary, J. W. (University of Melbourne), Factors affecting Australian farmers' potential participation in crop and area rainfall insurance.

Penman, P. (NSW Conservation Service) and Patrick, I. (NSW Department of Agriculture), 'Le Grand Prix': conservation tillage.

Piggott, R. R. (University of New England), Sources of pre-intervention market instability for six grades of Australian wool.

Porter, D., Teal, F. and Dickson, A. (Bureau of Agricultural Economics), Causes of changing import shares for beef in Japan.

Powell, R. and Wright, V. (University of New England), Financial deregulation and risk in farming).

Proctor, W., Phillips, B. and Tucker, J. (Bureau of Agricultural Economics), Application of a logistic regression model to farmer adoption of 'new' horticultural crops.

Purtill, A. and Skinner, S. (Bureau of Agricultural Economics), Import parity pricing for the Australian dairy industry.

Reilly, T. L., Butt, S. J. and Kaiser, A. G. (NSW Department of Agriculture), Economic potential for forage exports in southern NSW.

Remenyi, J. V. (Australian Centre for International Agricultural Research), From theory to practice in aid delivery.

Robertson, J. C., Griffith, G. R. and Lattimore, R. G. (Lincoln College), Dairy product policy in New Zealand, 1967-1985: an econometric analysis.

Ryland, G. J. and Hansen, B. R. (Australian Centre for International Agricultural Research), Bulk handling of paddy and rice in Malaysia - model specification and preliminary results.

Sethi, U. and Samuel, S. N. (Bureau of Agricultural Economics), Determinants of apple and pear packing structures: implications for further research.

Simmons, P. (Bureau of Agricultural Economics), A theoretical discussion of the economic effects of buffer stocks and buffer funds.

Simmons, P. and Ridley, H. (Bureau of Agricultural Economics), An analysis of the distribution of gains from wool promotion: preliminary results.

Sinden, J. A. (University of New England), Willingness to pay or willingness to pray for soil conservation?: empirical tests of hypothetical bias in consumers' surplus surveys.

Sinden, J. A. (University of New England) and Yapp, T. P. (Australian Department of Arts, Heritage and Environment, ACT), The opportunity costs of land degradation in NSW.

Small, A. (Bureau of Agricultural Economics), Structure, concentration and cost schedules of the Australian dairy processing sector.

Smith, J., Mandac, A. M. and Wang, K. M. (University of Western Australia), Subjective vs objective yield distributions as measures of production risk.

Staniford, A. (Department of Fisheries, South Australia), The effects of pot reduction in southern rock lobster fishery.

Tanner, C. (University of Sydney) and Swinbank, A. (University of Reading), Prospects for reform of the CAP.

Teal, F. (Bureau of Agricultural Economics), Optimal policy in regulated export markets: the case of Australian wool and beef.

Tyers, R. (Australian National University), Implicit welfare weights and the assessment of negotiable trade policy reforms.

Tyers, R. (Australian National University), International effects of US Food Security Act of 1985.

Vanzetti, D. and Kennedy, J. (La Trobe University), Retaliation in the international wheat trade.

Watkins, W. (NSW Department of Agriculture), Causes of wool price variations.