certainty equivalent principle, an optimal stabilisation policy was derived for each policy preference. Policy so derived enables a marketing authority to determine in advance the level of export slaughter permits to be issued or the level of pig feed price to be set for each quarter necessary to minimise the variability of pig prices. The results of the study suggested that the variation of pork prices would be largest under non-intervention. The government export slaughter scheme had the ability to reduce the instability of pig prices. Compared to the government export slaughter scheme, the derived optimal export slaughter schemes could achieve a slightly higher level of price stability if the level of export slaughter were allowed to be negative in some periods, which might imply a pork import policy. The study also suggested that a lower average level of export slaughter permits should be issued under optimal export slaughter schemes during the control period. The optimal feed price control schemes were effective in achieving the pig and pork price stabilisation goal. They also could achieve production and consumption stability contemporaneously, provided that these stabilities were pursued in decision making. In addition, they suggested a lower average level of pig feed price for the control period. The optimal combination of export slaughter and feed price control schemes could result in a higher price stability than a policy of using optimal feed price alone.

JOURNAL ARTICLE PRIZE

The prize for the best article published in the *Australian Journal of Agricultural Economics* was awarded to Colin G. Brown and Ross G. Drynan for the article entitled 'Plant location analysis using discrete stochastic programming' published in Volume 30(1), pp. 1-22.
socio-economic and demographic factors on the demand for meat.

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


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


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


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 Niaigoglan, S. M. (Litbang Transmigrasi, Indonesia). Combining static linear programming and dynamic budgeting for optimal resource allocation, a micro-computer approach.


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


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.


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.


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.

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

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


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 Selanaia, 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.

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


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

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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 Hochmán, Z. (NSW Department of Agriculture), Cost of soil acidification: southern NSW.

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

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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?

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


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.

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