Australian Journal of
Experimental Agriculture


Animal Production
Electrolyte supplementation of live export cattle to the Middle East.
D. T. Beatty, A. Barnes, R. Taplin, M. McCarthy and S. K. Maloney 119–124

Effect of processing methods on the nutritional value of Mucuna cochinchnensis to broiler chicks.
S. N. Ukachukwu and F. C. Obioha 125–131

Aspects of growth performance and nutrient retention of starter broilers fed Mucuna cochinchnensis-based diets supplemented with methionine.
S. N. Ukachukwu, S. O. Uzoech and J. N. Obiefuna 132–135

Pasture, Fodder Crops
Persistence of winter-active phalaris breeding populations, cultivars and other temperate grasses in diverse environments of south-eastern Australia.
R. A. Culvenor, S. P. Boschma and K. F. M. Reed 136–148

Responses to the renovation of an irrigated perennial pasture in northern Victoria.
1. Pasture consumption and nutritive characteristics.
A. R. Lawson and K. B. Kelly 149–158

Responses to the renovation of an irrigated perennial pasture in northern Victoria.
2. Botanical composition, and plant and tiller densities.
A. R. Lawson and K. B. Kelly 159–169

Perennial legumes native to Australia – a preliminary investigation of nutritive value and response to cutting.

Development and application of polymerase chain reaction-based assays for Rathayibacter toxicus and a bacteriophage associated with annual ryegrass (Lolium rigidum) toxicity.
M. C. Kowalski, D. Cahill, T. J. Doran and S. M. Colegate 177–183

Field Crops
Surface soil acidity and fertility in the central-western wheatbelt of New South Wales.
C. M. Evans and B. J. Scott 184–197

Cold temperature exposure at 10°C for 10 and 20 nights does not reduce tissue viability in vegetative and early flowering cotton plants.

Using electro-magnetic induction technology to identify sampling sites for soil acidity assessment and to determine spatial variability of soil acidity in rice fields.
B. W. Dunn and H. G. Beecher 208–214

Turfgrass Science
Evaluation of a soil moisture sensor to reduce water and nutrient leaching in turfgrass (Cynodon dactylon cv. Wintergreen).
S. M. Pathan, L. Barton and T. D. Colmer 215–222

Cultivar Description
Coolamon subterranean clover (Trifolium subterraneum L. var. subterraneum).

Izmir subterranean clover (Trifolium subterraneum L. var. subterraneum).

Front cover: Free range laying hens foraging on pasture. Photograph supplied by Dr Phil Glatz, South Australian Research and Development Institute, Roseworthy Campus, University of Adelaide, Roseworthy, South Australia.