

Pasture management

Effect of gypsum on establishment, persistence and productivity of lucerne and annual pasture legumes on two grey Vertosols in southern New South Wales

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Crop/pasture improvement

Heterosis in lucerne testcrosses with *Medicago arborea* introgressions and Omani landraces and their performance in synthetics

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Trigenomic hybrids from interspecific crosses between *Brassica napus* and *B. nigra*

Aneeta Pradhan, Julie A. Plummer, Matthew N. Nelson, Wallace A. Cowling, Guijun Yan

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Genetic main effect and genotype × environment interaction for cooking quality traits in a diallel set of *Indica* rice (*Oryza sativa* L.) varieties

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Allelic diversity in a novel gene pool of canola-quality *Brassica napus* enriched with alleles from *B. rapa* and *B. carinata*

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Genotype by environment interactions of lucerne (*Medicago sativa* L.) in a cool temperate climate

K. G. Pembleton, R. S. Smith, R. P. Rawnsley, D. J. Donaghy, A. W. Humphries

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Crop/pasture agronomy and physiology

Yield, yield components and shoot morphology of four contrasting lucerne (*Medicago sativa*) cultivars grown in three cool temperate environments

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