

NEW ZEALAND JOURNAL OF
AGRICULTURAL
RESEARCH

Volume 58 Number 1 March 2015

Research articles

- Competitive exclusion of *Cirsium arvense* in pasture: a simulated neighbour grazing-height experiment
GW Bourdôt, DM Leathwick, GA Hurrell and DJ Saville 1
- Nitrogen leaching losses from lysimeters containing winter kale: the effects of urinary N rate and DCD application
BJ Malcolm, KC Cameron, GR Edwards and HJ Di 13
- Ewe lamb live weight and body condition scores affect reproductive rates in commercial flocks
RA Corner-Thomas, AL Ridler, ST Morris and PR Kenyon 26
- Epichloë uncinata* infection and loline content afford *Festulolium* grasses protection from black beetle (*Heteronychus arator*)
GM Barker, BJ Patchett and NE Cameron 35
- 'MaxClover' grazing experiment II: sheep liveweight production from six grazed dryland pastures over 8 years
A Mills, RJ Lucas and DJ Moot 57
- Short communications**
- Soil carbon stock beneath an established irrigated pasture grazed by dairy cattle
FM Kelliher, PJS West and JL Moir 78
- Effects of lambing season, birth type and sex on early performance of lambs
MA Norouzian 84
- Temperature effects on N₂O and N₂ denitrification end-products for a New Zealand pasture soil
RL Phillips, AMS McMillan, T Palmada, J Dando and D Giltrap 89