

CONTENTS

Research articles

- 223 Evaluating the economic and production benefit of removing dairy cows from pastures in response to wet soil conditions
S. Laurenson, T. J. van der Weerden, P. C. Beukes and I. Vogeler
- 245 Farmer perceptions of the relative usefulness of information providers and technology transfer methods
R. A. Corner-Thomas, P. R. Kenyon, S. T. Morris, A. L. Ridler, R. E. Hickson, A. W. Greer, C. M. Logan and H. T. Blair
- 263 Changes in plant species composition after flupropanate application for nassella tussock control, in Canterbury hill-country pastures
C. S. Lusk, G. A. Hurrell, D. J. Saville and G. W. Bourdôt
- 277 Determining the nitrous oxide transfer velocity and emission factor of an agricultural drain
M. Premaratne, T. J. Clough and F. M. Kelliher
- 287 Improvement of degraded soil physical conditions following the establishment of permanent pasture
R. D. McLenaghan, B. J. Malcolm, K. C. Cameron, H. J. Di and R. G. McLaren
- 298 Comparison of nitrate leaching from oats and Italian ryegrass catch crops following simulated winter forage grazing: a field lysimeter study
P. L. Carey, K. C. Cameron, H. J. Di and G. R. Edwards
- 319 Range of quality characteristics of New Zealand forages and implications for reducing the nitrogen leaching risk from grazing dairy cows
D. E. Dalley, B. J. Malcolm, E. Chakwizira and J. M. de Ruiter
- 333 Grazing strategies for reducing contaminant losses to water from forage crop fields grazed by cattle during winter
R. M. Monaghan, S. Laurenson, D. E. Dalley and T. S. Orchiston
- 349 Scenario analysis to determine possible, plausible futures for the New Zealand dairy industry
N. Shadbolt, D. Apparao, S. Hunter, K. Bicknell and A. Dooley