

ANIMAL PRODUCTION SCIENCE

CONTENTS Volume 49, Issue 2, 2009, 85–175

Managing for rainfall variability: effect of grazing strategy on cattle production in a dry tropical savanna
Peter O'Reagain, John Bushell, Chris Holloway and Angela Reid 85–99

The effects of high stocking rates on milk production from dryland and irrigated Mediterranean pastures
S. Valentine, P. Lewis, R. T. Cowan and J. DeFaveri 100–111

Effect of liveweight gain of pregnant 15-month-old Angus heifers on the milk intake of their first calves and the liveweight of their first and second calves
R. E. Hickson, N. Lopez-Villalobos, P. R. Kenyon, S. T. Morris 112–120

Quantifying pasture dry matter responses to applications of potassium fertiliser for an intensively grazed, rain-fed dairy pasture in south-western Australia with or without adequate nitrogen fertiliser
M. D. A. Bolland and I. F. Guthridge 121–130

Repletion of glycogen in muscle is preceded by repletion of glycogen in the liver of Merino hoggets
R. H. Jacob, G. E. Gardner and D. W. Pethick 131–138

Pumpkin kernel and garlic as alternative treatments for the control of *Haemonchus contortus* in sheep
V. J. Strickland, G. L. Krebs and W. Potts 139–144

Efficiency of *Sesbania sesban* and *Acacia angustissima* in limiting methanogenesis and increasing ruminally available nitrogen in a tropical grass-based diet depends on accession
A. Z. Bekele, C. Clément, M. Kreuzer and C. R. Soliva 145–153

A chemical analysis of samples of crude glycerol from the production of biodiesel in Australia, and the effects of feeding crude glycerol to growing-finishing pigs on performance, plasma metabolites and meat quality at slaughter
C. F. Hansen, A. Hernandez, B. P. Mullan, K. Moore, M. Trezona-Murray, R. H. King and J. R. Pluske 154–161

Effects of Australian strains of infectious bronchitis virus on internal and external quality of hen eggs
K. K. Chousalkar and J. R. Roberts 162–169

Variation in content of monomeric phenolics during the processing of grape seed and skin flours
J. Sun, G. G. Elena, H. X. Peng, Q. Guo, B. Yang and E. J. Zhu 170–175