ANIMAL PRODUCTION SCIENCE

CONTENTS Volume 50, Issue 2, 2010, 79–157

Early weaning has minimal effects on lifetime growth performance and body composition of pigs *C. L. Collins, B. J. Leury and F. R. Dunshea* 79–87

Hyaluronan: is it a biomarker for adipose development within bovine muscle? P. G. Allingham, P. L. Greenwood, T. J. Brown and G. S. Harper 88–97

Evaluation of rumen probe for continuous monitoring of rumen pH, temperature and pressure *R. Kaur, S. C. Garcia, A. Horadagoda and W. J. Fulkerson* 98–104

A grazier survey of the long-term productivity of leucaena (*Leucaena leucocephala*)-grass pastures in Queensland *A. Radrizzani, S. A. Dalzell, O. Kravchuk and H. M. Shelton* 105–113

Preference of sheep among annual legumes is more closely related to plant nutritive characteristics as plants mature

D. T. Thomas, J. T. B. Milton, C. K. Revell, M. A. Ewing, R. A. Dynes, K. Murray and D. R. Lindsay 114–123

Effect of microwave treatment on lucerne fodder Graham Brodie, Craig Rath, Merita Devanny, Jessica Reeve, Carmel Lancaster, Gerry Harris, Sarah Chaplin and Chris Laird 124–129

Effects of intensive or pasture finishing in spring and linseed supplementation in autumn on the omega-3 content of lamb meat and its carcass distribution

Soressa Kitessa, Shimin Liu, Jan Briegel, David Pethick, Graham Gardner, Mark Ferguson, Peter Allingham, Greg Nattrass, Matthew McDonagh, Eric Ponnampalam and David Hopkins 130–137

Influence of stocking rate and mixed grazing of Angora goats and Merino sheep on animal and pasture production in southern Australia. 1. Botanical composition, sward characteristics and availability of components of annual temperate pastures

B. A. McGregor 138–148

Influence of stocking rate and mixed grazing of Angora goats and Merino sheep on animal and pasture production in southern Australia. 2. Liveweight, body condition score, carcass yield and mortality *B. A. McGregor* 149–157