

Contents

Volume 63 Issue 1 2023

Perspectives on Animal Biosciences

Research, development and adoption for the north Australian beef cattle breeding industry: an analysis of needs and gaps

Alan Bell and Nicholas Sangster

1-40

Genetics and Production

Investigation of methods for inclusion of systematic environmental effects in weaning and post-weaning weights for meat sheep in large-scale genetic evaluation

meat sheep in large scale genetic evaluation

41 50

Physiology and Endocrinology

Protective effects of pre-treatment with exogenous porcine glucagon-like peptide-2 and its microspheres of piglets with lipopolysaccharide-induced intestinal inflammation

With Hippophae saccariniflora-induced
Jia Wu, Kekai Qi and Ziwei Xu

E1 E9

Nutrition, Reproduction and Performance

Frequency of feeding during the periconceptional period did not alter reproduction in Merino sheep.

Frequency of feeding during the periconceptional period did not alter reproduction in Merino sheep.

50/60

Supplementation of exogenous β -mannanase to low-protein diets improves feed conversion efficiency in lactating dairy cows

E. Kahrab, J. Mender, B. E. L. Lee and S. Saeed

BO BE

Heat-processed bovine blood–rumen digesta meal and vegetable oil concentrate as partial replacement for soybean meal in broiler finisher diet

meal in broiler finisher diet

— 8 —

Meat Quality and Nutrition

Meat Quality and Nutrition
Meat acceptability of crossbred bulls fed a high-grain feedlot diet with antimicrobials and a blend of organic trace minerals and yeast.

minerals and yeast
Aylle Medeiros Matos, Vanessa Duarte, Murilo Augusto Tagiariolli, Edinéia Bonin, Ana Carolina Pelaes Vital,
Ana Guerrero, Rodolpho Martin do Prado, Luiz Fernando Costa e Silva, Vicente Diaz Ávila,
Venício Macedo Carvalho and Ivanor Nunes do Prado

85 85

The effect of corn supplementation on α -tocopherol concentration and oxidative stability in three muscles of grass-fed Holstein bulls

C. C. G. Silva, M. F. P. Domingos-Jones, M. C. Coelho, O. A. Rego and H. J. D. Rosa

06 100