

ANIMAL PRODUCTION SCIENCE

CONTENTS Volume 51, Issue 6, 2011, 491–581

REVIEW

Ruminant enteric methane mitigation: a review

D. J. Cottle, J. V. Nolan and S. G. Wiedemann 491–514

RESEARCH PAPERS

Nutrition of beef breeder cows in the dry tropics. 1. Effects of nitrogen supplementation and weaning on breeder performance

R. M. Dixon, C. Playford and D. B. Coates 515–528

Nutrition of beef breeder cows in the dry tropics. 2. Effects of time of weaning and diet quality on breeder performance

R. M. Dixon, C. Playford and D. B. Coates 529–540

Iodine supplementation to a diet containing *Leucaena leucocephala* leaf meal: consequences on nutrient metabolism, clinical chemistry and immunity of goats

Ashok K. Pattanaik, Sardar Ayub Khan and Tapas K. Goswami 541–548

Nutritive value of herbage from mountain hay meadow managed under traditional and intensive harvest systems as affected by nitrogen fertilisation and time of cutting

O. Bochi-Brum, R. García, R. Bodas, A. Calleja, S. Andrés and S. López 549–556

Effect of ewe body condition and nutrition in late pregnancy on the performance of triplet-bearing ewes and their progeny

P. R. Kenyon, S. T. Morris, K. J. Stafford and D. M. West 557–564

Pregnancy rate and prolificacy after artificial insemination in ewes following synchronisation with prostaglandin, sponges, or sponges with bactericide

C. Viñoles, B. Paganoni, J. T. B. Milton, M. A. Driancourt and G. B. Martin 565–569

An economic case study of entire male grain-fed beef from a north-western Queensland production system

S. A. Wainwright, A. J. Parker, W. E. Holmes, H. Zerby and L. A. Fitzpatrick 570–574

Challenge by a novel object does not impair the capacity of ewes and lambs selected for a nervous temperament to display early preference for each other

Samantha Bickell, Raymond Nowak, Pascal Poindron, Aprille Chadwick, Drewe Ferguson and Dominique Blache 575–581