

# ANIMAL PRODUCTION SCIENCE

**CONTENTS** Volume 51, Issue 7, 2011, 583–666

## REVIEWS

Limitations to wheat starch digestion in growing broiler chickens: a brief review

*Birger Svihus* 583–589

Chemical alterations with nutritional consequences due to pelleting animal feeds: a review

*Birger Svihus and Ozren Zimonja* 590–596

## RESEARCH PAPERS

Identification and characterisation of the predominant lactic acid-producing and lactic acid-utilising bacteria in the foregut of the feral camel (*Camelus dromedarius*) in Australia

*M. B. Ghali, P. T. Scott, G. A. Alhadrami and R. A. M. Al Jassim* 597–604

Calculating dry matter consumption of dairy herds in Australia: the need to fully account for energy requirements and issues with estimating energy supply

*J. W. Heard, P. T. Doyle, S. A. Francis, M. v. H. Staines and W. J. Wales* 605–614

Effects of seasonality and ambient temperature on genetic parameters for production and reproductive traits in pigs

*Craig R. G. Lewis and Kim L. Bunter* 615–626

An evaluation of the methane output associated with high-moisture grains and silages using the *in vitro* total gas production technique

*E. J. Mc Geough, P. O'Kiely, M. O'Brien and D. A. Kenny* 627–634

Morphological traits in Portuguese Bordaleira de Entre Douro e Minho sheep: divergence of the breed

*J. O. L. Cerqueira, X. Feás, A. Iglesias, L. F. Pacheco and J. P. P. Araújo* 635–641

Effect of dietary energy intake on erythrocytic antioxidant defence in growing lambs fed a wheat straw-based diet

*Vijay Kumar Singh, Ashok Kumar Pattanaik, Kusumakar Sharma and Mohini Saini* 642–649

Resource use, cattle performance and output patterns on different farm types in a mountainous province of northern Vietnam

*Le Thi Thanh Huyen, Pera Herold, André Markemann and Anne Valle Zárate* 650–661

Evaluation of the serum fructosamine test to monitor plasma glucose concentration in the late-pregnant sheep

*M. L. Sorondo and A. Cirio* 662–666