ANIMAL SCIENCE Free — on line

Animal Science is now available free online to library users and BSAS members. See your Librarian for details.

Editors

Breeding and genetics

- J. Dekkers, Iowa State University, Ames, USA
- D. R. Notter, Virginia Polytechnic Institute and State University, Blacksburg, USA
- H. H. Swalve, Institute of Animal Breeding and Animal Husbandry, Martin Luther University, Halle Wittenburg, Germany
- B. Villanueva, Scottish Agricultural College, Edinburgh, UK

Growth, development and meat science

- C. Gazzola, Agency for Food and Fibre Sciences, Rockhampton, Australia
- D. Gerrard, Purdue University, USA
- R. Hill, University of Idaho, ÚSA
- K. Hossner, Colorado State University, USA
- A. Van Kessel, University of Saskatchewan, Canada

Non-ruminant nutrition, behaviour and production

W. Gerrits, Wageningen University and Research Centre, The Netherlands

- I. J. Lean, Imperial College at Wye, University of London, UK
- C. A. Morgan, Scottish Agricultural College, Edinburgh, UK
- P. J. Moughan, Massey University, New Zealand

Reproduction

M. Diskin, TEAGASC, Co. Galway, Ireland T. McEvoy, Scottish Agricultural College, Aberdeen, UK

Ruminant nutrition, behaviour and production

M. D. Carro, University of Léon, Spain M. S. Cockram, University of Edinburgh, UK R. J. Dewhurst, Institute of Grassland and Environmental Research, Aberystwyth, UK J. R. Newbold, Provimi Research and Technology Centre, Belgium K. Shingfield, MTT Agrifood Research, Jokioinen, Finland

Executive editor Hilary Davies, Liverpool, UK Technical editor Carol Woolliams, Peebles, UK

Notes to users in the USA. The appearance of the fee codes in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use on the following conditions. The copier must pay the stated per-copy fee through the Copyright Clearance Center, Inc., 21 Congress Street, Salem, Massachusetts 01970, USA, for copying beyond that permitted by sections 107 and 108 of the US Copyright Law. For territories outside North America, permission should be sought direct from the copyright holder. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertizing and promotional purposes, for creating new collective works or for resale.

Contents	Page
Breeding and genetics Kadarmideen, H.N. Genetic correlations among body condition score, somatic cell score, milk production, fertility and conformation traits in dairy cows	191
Growth, development and meat science	*/*
Zhao, RQ., Yang, XJ., Xu, QF., Wei, XH., Xia, D. and Chen, J. Expression of GHR and PGC-1 α in association with changes of MyHC isoform types in <i>longissimus</i> muscle of Erhualian and Large White pigs (<i>Sus scrofa</i>) during postnatal growth	203
Werdi Pratiwi, N.M., Murray, P.J. and Taylor, D.G. Meat quality of entire and castrated male Boer goats raised under Australian conditions and slaughtered at different weights: physical characteristics, shear force values and eating quality profiles	213
Werdi Pratiwi, N.M., Murray, P.J. and Taylor, D.G. The fatty acid composition of muscle and adipose tissues from entire and castrated male Boer goats raised in Australia	221
Non-ruminant nutrition, behaviour and production	
García, A.I., Blas, J.C. de and Carabaño, R. Effect of type of diet (casein-based or protein-free) and caecotrophy on ileal endogenous nitrogen and amino acid flow in rabbits	231
Amatya, J.L., Haldar, S. and Ghosh, T.K. Effects of chromium supplementation from inorganic and organic sources on nutrient utilization, mineral metabolism and meat quality in broiler chickens exposed to natural heat stress	241
Rommers, J.M., Boiti, C., Brecchia, G., Meijerhof, R., Noordhuizen, J.P.T.M., Decuypere, E. and Kemp, B. Metabolic adaptation and hormonal regulation in young rabbit does during long-term caloric restriction and subsequent compensatory growth	255
Ravindran, V. and Hendriks, W.H. Endogenous amino acid flows at the terminal ileum of broilers, layers and adult roosters	265
Gourdine, J.L., Renaudeau, D., Noblet, J. and Bidanel, J.P. Effects of season and parity on performance of lactating sows in a tropical climate	273
Yin, YL., Huang, R.L., Libao-Mercado, A.J., Jeaurond, E.A., de Lange, C.F.M. and Rademacher, M. Effect of including purified jack bean lectin in casein or hydrolysed casein-based diets on apparent and true ileal amino acid digestibility in the growing pig	283
Ruminant nutrition, behaviour and production	
Boland, T.M., Brophy, P.O., Callan, J.J., Quinn, P.J., Nowakowski, P. and Crosby, T.F. The effects of mineral-block components when offered to ewes in late pregnancy on colostrum yield and immunoglobulin G absorption in their lambs	293
Moorby, J.M., Fraser, M.D., Theobald, V.J., Wood, J.D. and Haresign, W. The effect of red clover formononetin content on live-weight gain, carcass characteristics and muscle equol content of finishing lambs	303
Santarossa, J.M., Stott, A.W., Woolliams, J.A., Brotherstone, S., Wall, E. and Coffey, M.P. An economic evaluation of long-term sustainability in the dairy sector	315
Garnsworthy, P.C. and Unal, Y. Estimation of dry-matter intake and digestibility in group-fed dairy cows using near infrared reflectance spectroscopy	327
Woods, V.B., Kilpatrick, D.J. and Gordon, F.J. Use of empirical models that describe the response of lactating dairy cattle to varying ratios of silage to concentrate as described in terms of metabolizable energy intake: the prediction of milk yield and its constituents from a combination of two empirical models	335