Acknowledgement

The editors wish to express their thanks to the following referees who have assisted in the evaluation of papers submitted to *Animal Science*.

Agnew, R. Alderman, G. Amer, P. Ap Dewi, I. Aumann, J. Baker, D. H. Ball, P. Bampton, P. Bearman, D. Bell. G. Berardinelli, J. G. Bishop, S. C. Black, I. Boisen, S. Brash, L. Britt, J. Brooks, P. Bryden, W. L. Buckley, D. J. Busboom, I. Cameron, N. D. Chapple, D. Chen, B. X. Chesson, A. Chitko-McKown, C. Christensen, R. K. Close, W. H. Connelly, J. Craigon, J. Crosby, T. F. Crump, R. Davies, D. A. R. Davies, S. L. Dawson, L. Day, J. E. L. Dekkers, J. Dewhurst, R. Duckett, S. Easter, R. A. Easy, S. Edwards, S. A. Eldin, A. K. Emmans, G. C. Enser, M. Espe, M. Evans, A. C. O. Forbes, J. M. France, J. García-Gallego, M. Garnsworthy, P. C. Goddard, M. Gonyou, H.

Grundy, B. Hansso, I. Henderson, R. J. Hildrum, K. I. Horrell, I. Hossner, K. Hunter, A. Hunter, M. Illius, A. W. Jenson, J. F. Iongbloed, A. Kelly, K. Knap, P. Knight, C. H. Knott, S. Knowles, T. Kress, D. D. Kyriazakis, I. Leaver, J. D. Lewis, N. P. Lincoln, G. Logue, D. N. Low, J. C. Lowman, B. Luiting, E. MacLeod, M. McNab, J. M. McOueen, R. Maki-Tanila, A. Mantyssaari, E. Mao. I. Mason, G. Mathison, G. W. Metcalf, I. Meuwissen, T. H. E. Milne, J. A. Misztal, I. Moorby, J. M. Moseley, G. Mossberg, I. Mueller Harvey, I. Murphy, J. J. Neilsen, M. K. Njaa, L. R. Ørskov, E. R. Osuji, P. Owen, J. B. Parker, D. S. Parkins, J. J. Patterson, D. Penning, P. Phillips, C. J. C.

Ouaas, R. Ravindran, V. Reason, R. A. Revnolds, C. Rhind, S. M. Roberts, D. Robinson, J. J. Robinson, P. H. Romney, D. L. Rook, A. Rushen, I. Russel, A. J. F. Schelling, G. T. Schiere, J. B. Shelford, I. Simm, G. Smith, A. J. Smith, S. B. Snowden, G. D. Sölkner, H. Stear, J. M. Stellflug, J. N. Suttle, N. Swathad, H. Symonds, M. E. Theodorou, M. Thonney, M. Thorp, C. Tucker, H. A. Tucker, S. Unsworth, E. F. Varley, M. A. Veerkamp, R. F. Vernon, R. G. Verstegen, M. Vipond, J. Vollema, A. R. Wahlgren, M. Wallace, J. Weekes, T. E. C. Whitaker, D. Wilkinson, M. Wiseman, J. Wolf, B. T. Wood, C.D. Wright, I. A. Wylie, A.

Greenhough, P. R.

Illustrations. The same material should not normally be presented in tables and figures. Legends should be typed on a separate sheet.

- a) Diagrams should be drawn in black ink, about twice the size of the finished block, on white paper or card, stout tracing paper or plastic film. Photographed diagrams are also accepted. Lettering inside the framework of the diagram should be avoided as far as possible but if unavoidable it should be included on a fly-leaf.
- b) Photographs intended for half-tone reproduction should be on glossy paper. They will be accepted only if found necessary by the editors.
- c) Colour plates are unlikely to be accepted unless the authors bear the cost.

Tables should be as simple and as few as possible. Each table should be typed on a separate sheet.

Abstract. Every paper should have a short abstract (not more than 250 words) complete in itself and understandable without reference to the paper. The abstract will be printed at the beginning of the paper and preferably should be in the format of unnumbered short paragraphs.

Keywords. Up to a maximum of five keywords selected from the CAB Thesaurus (1995) or from an equivalent reference volume should be listed at the end of the Abstract.

References. Only papers closely related to the author's work should be referred to; exhaustive lists should be avoided. References with three or more authors should be cited in the first and subsequent occasions with the first author in full followed by et al. (e.g. Smith, Jones and Brown: Smith et al.). References with two authors should be cited in full on all occasions. References should be given in full in the Reference list and it is the responsibility of authors to check for absolute accuracy in every detail of the reference.

Proofs are supplied once and must be returned corrected to the editors within 3 days. Only essential corrections should be made.

Reprints. Twenty-five reprints of each paper will be supplied free of charge to authors on request. Further copies may be purchased if the order is sent at the proof-stage.

Annual subscription is £165.00 (or \$295.00 in the USA and Canada) and the price for a single part is £28.00 (or \$50.00) net.

Abstracts of papers presented at British Society of Animal Science winter meeting are published as a separate section in the June issue of Animal Science.

Correspondence regarding subscriptions and sales (current and back numbers of the Journal) and any other enquiries, including those concerning copyright, should be addressed to: Durrant Periodicals, Winton Lea, Pencaitland, East Lothian, Scotland EH34 5AY.

Senior editor

T. L. J. Lawrence, University of Liverpool, UK

- M. P. Boland, University College Dublin, Ireland
- M. V. Dodson, Washington State University, USA
- J. Jensen, Danish Institute of Animal Science, Foulum, Denmark
- J. J. Kennelly, University of Alberta, Canada
- I. J. Lean, Wye College, University of London, UK
- K. Lundström, Swedish University of Agricultural Sciences, Sweden
- C. S. Mayne, Agricultural Research Institute of Northern Ireland, Hillsborough, UK
- C. A. Morgan, Scottish Agricultural College, Edinburgh, UK P. J. Moughan, Massey University, New Zealand
- F. W. Nicholson, University of Sydney, Australia
- J. D. Oldham, Scottish Agricultural College, Edinburgh, UK
- E. Owen, University of Reading, UK
- J. D. Reed, University of Wisconsin, USA
- R. E. Short, US Department of Agriculture, Montana, USA
- P. M. Visscher, University of Edinburgh, UK
- A. J. F. Webster, University of Bristol, UK
- J. D. Wood, University of Bristol, UK

Technical editors

Hilary Davies, Liverpool, UK 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.

age
1
9
21
35
47
55
65
75
87
93
105
115
129
143
155
163
175
189
197
209
217
225
231
239
247
255
263
271
277
285 i