Erratum

Short time effect of zinc bacitracin and heavy fouling with faeces plus urine on boar taint

L. L. Hansen, A. E. Larsen, B. B. Jensen and J. Hansen-Møller

Animal Science 1997, 64: 351-363.

Owing to a computer encoding error the symbol \leq has failed to print throughout this paper.

Where the statistical significance symbol P is followed by a space, it should be read as $P \le \dots$

Canadian Journal of Animal Science

An International Journal Edited by the Canadian Society of Animal Science

Canadian Journal of Animal Science publishes original research on all aspects of domestic livestock and their products. Papers are published in the following subject areas: Animal Biotechnology, Application of Technology, Behavior and Management, Breeding and Genetics, Meats, Pastures and Forages, Physiology, Ruminant Nutrition, and Non-ruminant Nutrition. Reviews, symposium papers and letters to the Editor are published occasionally as well as abstracts of technical papers presented at the annual meeting of the Canadian Society of Animal Science.

Editor

A. Schaefer, Agriculture and Agri-Food Canada, Research Centre, Lacombe, Alberta, Canada T4L 1W1.

Some Recent Papers Published in the Journal

- Increasing piglet survival through an improved farrowing management protocol, K.R.
 White, D.M. Anderson, and L.A. Bate
- Cattle use of microclimates on a northern latitude winter range, G.A. Houseal and B.E. Olson
- Estimation of carcass composition by computer image analysis in the cross sections of cross-bred steers, A.B. Karnuah, K. Moriya, K. Mitani, T. Yamazaki, and Y. Sasaki
- The effect of dietary menhaden meal and storage on the omega-3 fatty acids and sensory attributes of egg yolk in laying hens, D.M. Nash, R.M.G. Hamilton, K.A. Sanford, and H.W. Hulan
- Comparison of methods for isolation of protozoa from ruminal fluid, L. Neill and M. Ivan

Information about Canadian Journal of Animal Science is available online at: http://www.aic.ca

Submission of manuscripts

Original research papers (four copies) should be submitted to Mr. T. Fenton, Agricultural Institute of Canada, Suite 1112, 141 Laurier Ave. W., Ottawa, ON, Canada K1P 5J3. Papers are subject to peer review; a page charge is levied on accepted papers.

Subscriptions

Canadian Journal of Animal Science is published in March, June, September and December. Subscription rates for 1997 are: for individuals in Canada \$58.00, in all other countries \$62.00; institutional rates are \$90.00 in Canada, \$113.00 in all other countries. Prices are in Canadian dollars, but may be paid in the US equivalent. Surface mail free, airmail add C\$55.00. Canadian subscribers add 7% GST (GST registration number is R106689094). ISSN 0008-3984

Write to: Subscriptions, Agricultural Institute of Canada, Suite 1112, 141 Laurier Ave. W., Ottawa, Ontario, Canada K1P 5J3. Tel: (613) 232-9459, Fax: (613) 594-5190, E-mail journals@aic.ca

Published by the Agricultural Institute of Canada

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

Í. 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.

Contents	Page
Meuwissen, T. H. E. and Goddard, M. E. Selection of farm animals for non-linear traits and profit	1
Darwash, A. O., Lamming, G. E. and Woolliams, J. A. The phenotypic association between the interval to post-partum ovulation and traditional measures of fertility in dairy cattle	9
Mukasa-Mugerwa, E., Anindo, D., Lahlou-Kassi, A., Umunna, N. N. and Tegegne, A. Effect of body condition and energy utilization on the length of post-partum anoestrus in PRID-treated and untreated post-partum <i>Bos indicus</i> (zebu) cattle	17
Gil, Z., Szarek, J. and Kural, J. Detection of silent oestrus in dairy cows by milk temperature measurement	25
Brotherstone, S., Veerkamp, R. F. and Hill, W. G. Genetic parameters for a simple predictor of the lifespan of Holstein-Friesian dairy cattle and its relationship to production	31
Yokoi, N., Moriya, K. and Sasaki, Y. A measure for predicting genetic merit for milking and nursing ability in beef cattle	39
Sanderson, R., Lister, S. J., Dhanoa, M. S., Barnes, R. J. and Thomas, C. Use of near infrared reflectance spectroscopy to predict and compare the composition of carcass samples from young steers	45
Osafo, E. L. K., Owen, E., Said, A. N., Gill, M. and Sherington, J. Effects of amount offered and chopping on intake and selection of sorghum stover by Ethiopian sheep and cattle	55
Oregui, L. M., Gabiña, D., Vicente, M. S., Bravo, M. V. and Treacher, T. Relationships between body condition score, body weight and internal fat deposits in Latxa ewes	63
Laliotis, V., Vosniakou, A., Lymberopoulos, A., Doney, J. M. and Kouimtzis, S. The effect of melatonin treatment in combination with progestagen pessaries on reproductive performance of ewes during the anoestrous period	71
Mitchell, L. M., King, M. E., Aitken, R. P. and Wallace, J. M. Influence of lambing date on subsequent ovarian cyclicity and ovulation rate in ewes	<i>7</i> 5
Surra, J. C., Guada, J. A., Balcells, J. and Castrillo, C. Renal and salivary clearance of purine derivatives in sheep	83
Morris, C. A., McEwan, J. C., Fennessy, P. F., Bain, W. E., Greer, G. J. and Hickey, S. M. Selection for high or low backfat depth in Coopworth sheep: juvenile traits	93
Morris, S. T. and McCutcheon, S. N. Selective enhancement of growth in twin foetuses by shearing ewes in early gestation	105
Fondevila, M., Muñoz, G., Castrillo, C., Vicente, F. and Martín-Orúe, S. M. Differences in microbial fermentation of barley straw induced by its treatment with anhydrous ammonia	111
Ranilla, M. J., Carro, M. D., Valdés, C., Giráldez, F. J. and López, S. A comparative study of ruminal activity in Churra and Merino sheep offered alfalfa hay	121
Brouns, F., Edwards, S. A. and English, P. R. The effect of dietary inclusion of sugar-beet pulp on the feeding behaviour of dry sows	129
Baker, R. T. M. and Davies, S. J. The quantitative requirement for α -tocopherol by juvenile African catfish, Clarias gariepinus Burchell	135
Erratum	i