The Journal of Agricultural Science

Senior Editor (Animal papers) Julian Wiseman, University of Nottingham, UK Senior Editor (Crops & Soils papers) Paul Bilsborrow, Newcastle University, UK

The Journal of Agricultural Science publishes papers concerned with the advance of agriculture and the use of land resources throughout the world. It publishes original scientific work related to strategic and applied studies in all aspects of agricultural science, including: crop and animal physiology, modelling of crop and animal systems, the scientific underpinning of agronomy and husbandry, engineering solutions, decision support systems, land use, environmental impacts of agriculture and forestry, impacts of climate change, rural biodiversity, experimental design and statistical analysis, the application of new analytical and study methods (including molecular studies). The journal also publishes book reviews and letters.



The Journal of Agricultural Science is available online at: http://journals.cambridge.org/ags

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newyork@cambridge.org

Rest of world: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

Submit your research online

http://mc.manuscriptcentral.com/jagrisci

For free online content visit: http://journals.cambridge.org/ags



Free email alerts



animal

Published for The Animal Consortium www.animal-journal.eu

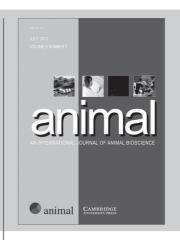
Editor-in-Chief Jean Noblet, INRA, Rennes-St Gilles, France

animal publishes original cutting-edge research, 'hot' topics and horizon-scanning reviews on animal-related aspects of the life sciences at the molecular, cellular, organ, whole animal and production system levels.

The main subject areas include: breeding and genetics; nutrition; physiology and functional biology of systems; behaviour, health and welfare; farming systems, environmental impact and climate change; product quality, human health and well-being.

For free online content visit: http://journals.cambridge.org/anmsample

Free email alerts Keep up-to-date with new content http://journals.cambridge.org/anm-alerts



animal is available online at: http://journals.cambridge.org/anm

To subscribe contact Customer Services

Americas: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newyork@cambridge.org

Rest of world: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

Price Information is available at: http://journals.cambridge.org/anm



British Journal of Nutrition

Published on behalf of The Nutrition Society

Editor-in-Chief P.C. Calder, University of Southampton, UK



British Journal of Nutrition is a leading international peerreviewed journal covering research on human and clinical nutrition, animal nutrition and basic science as applied to nutrition. The journal recognises the multi-disciplinary nature of nutritional science and includes material from all of the specialities involved in nutrition research, including molecular and cell biology, and the emerging area of nutritional genomics.

journals.cambridge.org/bjn

Submit your article online **bjn.msubmit.net**

Register for free content alerts journals.cambridge.org/bjn-alerts



Ranked **19/72** Nutrition and Dietics 2011 Journal Citation Reports®

To subscribe contact Customer Services

Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 journals@cambridge.org

New York:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 subscriptions_newyork@cambridge.org



Nutrition Research Reviews

Published on behalf of The Nutrition Society

Editor-in-Chief Graham C. Burdge, University of Southampton, UK

Nutrition Research Reviews offers a comprehensive overview of nutritional science today. By distilling the latest research and linking it to established practice, the journal consistently delivers the widest range of in-depth articles in the field of nutritional science and has done so for the past twenty-one years. It presents up-to-date, concise and critical reviews of key topics in nutrition science, advancing new concepts and hypotheses that encourage the exchange of fundamental ideas on nutritional well-being in both humans and animals.

Submit your article online nrr.msubmit.net

Register for free content alerts journals.cambridge.org/nrr-alerts



Impact Factor 4.842

Ranked **4/72** Nutrition and Dietics

2011 Journal Citation Reports®

To subscribe contact Customer Services

Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 journals@cambridge.org

New York:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 subscriptions_newyork@cambridge.org



Experimental Agriculture

Editor Dave Harris, *ICRISAT, Kenya*

Experimental Agriculture publishes the results of original research from any source on the agronomy of field, plantation and herbage crops grown for human or animal food; for industrial purposes; and on systems of agricultural production, particularly in the warmer regions of the world. It is especially concerned with experimental work designed to explain agronomic results in biological and environmental terms. The journal publishes accounts of new experimental techniques, new methods of crop production and discusses problems in countries where production is developing rapidly. There are regular book reviews and occasional, often invited, reviews of research.

For free online content visit: http://journals.cambridge.org/eagsample

Free email alerts Keep up-to-date with new content http://journals.cambridge.org/eag-alerts



Experimental Agriculture is available online at: http://journals.cambridge.org/eag

To subscribe contact Customer Services

Americas: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newyork@cambridge.org

Rest of world: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

Price Information is available at: http://journals.cambridge.org/eag



Proceedings of the Nutrition Society

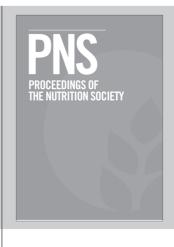
Published on behalf of The Nutrition Society

Editor-in-Chief K.R. Westerterp, Maastricht University, The Netherlands

Proceedings of the Nutrition Society publishes papers and abstracts presented by members and invited speakers at the scientific meetings of The Nutrition Society. The journal provides an invaluable record of the scientific research currently being undertaken, contributing to 'the scientific study of nutrition and its application to the maintenance of human and animal health.'

journals.cambridge.org/pns

Register for free content alerts journals.cambridge.org/pns-alerts



Impact Factor 2.77

Ranked **23/72** Nutrition and Dietics 2011 Journal Citation Reports®

To subscribe contact Customer Services

Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 journals@cambridge.org

New York: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 subscriptions_newyork@cambridge.org



CAMBRIDGE

JOURNALS

Seed Science Research

The official journal of the International Society for Seed Science (ISSS)

Editor-in-Chief H.W.M. Hilhorst, Wageningen University, The Netherlands

Seed Science Research is an international journal publishing original and opinon papers, as well as reviews. The Journal deals primarily with the fundamentals of seed research with emphasis on the physiology, biochemistry, molecular biology and ecology of seed development, dormancy and germination.

The importance of seeds to propagation, food, biofuel and biodiversity is of increasing interest and therefore submissions on seed genetics, seed biotechnology, seed treatment and seedling establishment are especially encouraged if they are novel and 'seed driven'.

For free online content visit: http://journals.cambridge.org/ssr_sample

Free email alerts Keep up-to-date with new content http://journals.cambridge.org/ssr-alerts



Seed Science Research is available online at: http://journals.cambridge.org/ssr

To subscribe contact Customer Services

Americas: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newyork@cambridge.org

Rest of world: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

Price Information is available at: http://journals.cambridge.org/ssr



Renewable Agriculture and Food Systems

journals.cambridge.org/raf

RESEARCH PAPERS

The role of riparian buffer management in reducing off-site impacts from grazed dairy systems Sharon R. Aarons and Cameron J. P. Gourley	1
The influence of organic transition strategy on chemical and biological soil tests Carmen M. Ugarte and Michelle M. Wander	17
Sulfur management and miticide use in winegrapes grown in California Minghua Zhang, Jennifer Campos, Yu Zhan, and Michael L. Grieneisen	32
Economic impacts of IPM sampling methods for collards Myra Clarisse Ferrer and Michael Hammig	43
The phenology, yield and tuber composition of 'early' crop potatoes: A comparison between organic and conventional cultivation systems Sara Lombardo, Antonino Lo Monaco, Gaetano Pandino, Bruno Parisi, and Giovanni Mauromicale	50
Nitrogen contribution of rye-hairy vetch cover crop mixtures to organically grown sweet corn Andrew Lawson, Ann Marie Fortuna, Craig Cogger, Andy Bary, and Tami Stubbs	59
Organic label as an identifier of environmentally related quality: A consumer choice experiment on beef in Italy R. Zanoli, R. Scarpa, F. Napolitano, E. Piasentier, S. Naspetti, and V. Bruschi	70
REVIEW ARTICLE	
Reconciling productivity with protection of the environment: Is temperate agroforestry the answer? Jo Smith, Bruce D. Pearce, and Martin S. Wolfe	80
COMMENTARY	
Sharing a vision for biodiversity conservation and agriculture John E. Quinn	93
BOOK REVIEW	97

Submit your paper online http://www.edmgr.com/rafs

Register online to receive free table-of-contents alerts http://journals.cambridge.org/raf-alerts

Cambridge Journals Online For further information about this journal please go to the journal web site at: journals.cambridge.org/raf



MIX Paper from responsible sources FSC[®] C013436

