# **C**AMBRIDGE

# **JOURNALS**

# Renewable Agriculture and Food Systems

## **Editor-in-Chief**

J.W. Doran, University of Nebraska, USA

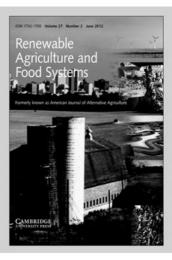
Renewable Agriculture and Food Systems (formerly American Journal of Alternative Agriculture) is a multi-disciplinary journal which focuses on the science that underpins economically, environmentally, and socially sustainable approaches to agriculture and food production. The journal publishes original research and review articles on the economic, ecological, and environmental impacts of agriculture; the effective use of renewable resources and biodiversity in agro-ecosystems; and the technological and sociological implications of sustainable food systems.

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

## Free email alerts

Keep up-to-date with new content

http://journals.cambridge.org/raf-alerts



## Renewable Agriculture and Food Systems

is available online at: http://journals.cambridge.org/raf

## 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/raf





# **C**AMBRIDGE

# **JOURNALS**

# Plant Genetic Resources

Published on behalf of the National Institute of Agricultural Botany (NIAB)

## **Editor-in-Chief**

Robert Koebner, CropGen International, UK

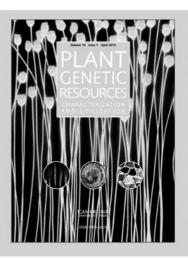
Plant Genetic Resources is an international journal that brings together the many diverse topics concerned with plant genetic resources. Each issue provides access to peer-reviewed research papers on genetic variation in plants, both crop and non-crop, as well as on the technical, socio-economic, legal and geopolitical aspects of PGR. Many papers feature research directed to endangered non-crop and medicinal plants. The journal is of interest to researchers and scientists involved in the plant genetic resources community, including: breeders, all those with an interest in germplasm, policy makers, consultants and research students.



# Free email alerts

Keep up-to-date with new content

http://journals.cambridge.org/pgr-alerts



# Plant Genetic Resources is available online at: http://journals.cambridge.org/pgr

# 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/pgr



# **C**AMBRIDGE

# **JOURNALS**

# Experimental Agriculture



Dave Harris, ICRISAT, Kenya

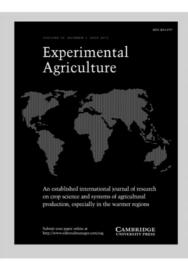
Experimental Agriculture publishes the results of original research from any source on the agronomy of field, plantation and herbage crops grown for human or animal food; for industrial purposes; and on systems of agricultural production, particularly in the warmer regions of the world. It is especially 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



#### **NOTES FOR AUTHORS**

Seed Science Research provides an international vehicle for the publication of original papers and review articles on the fundamental aspects of seed research. The emphasis is on the physiology, biochemistry, molecular biology and ecology of seeds, covering the following key topics: seed and embryo development, genetic engineering (modification), biotechnology, maturation, dormancy, germination, viability, longevity, vigour, chemical and structural defences, reserve mobilization, ecophysiology, seed—soil and seed—animal interactions and computer modelling.

All articles should be exclusively submitted via the link on the Journal's homepage at www.journals.cambridge.org/ssr

Authors are asked to keep personal copies of all files submitted.

#### On submission

**Text.** Articles should be single column, double line spaced. The use of formatting should be minimal. However, when necessary bold, italic, subscript and superscript should be indicated using the facilities of the word processing software. Tables, figures and equations should also be included as separate pages, and appropriately cited within the text (i.e. "Table 1 here"). Standard abbreviations (e.g. Fig. and Figs) and IUPAC units must be used. Use British rather than American spellings. Use 'z' rather than 's' spellings in words with 'ize'.

**Abstract**. Each article must commence with an accurate, informative abstract in one paragraph, that is complete in itself and intelligible without reference to text or figures. It should not exceed 250 words. A short title should be provided as a running head.

**Keywords.** Between four and seven should be given in alphabetical order. They should include the main subjects of the research and the plant material

**Tables.** Tables should be reduced to the simplest form and present only essential data. The use of vertical rules should be avoided whenever possible.

**Illustrations.** All figures should be accompanied by appropriate legends. The inclusion of color illustrations will require the authors to make a financial contribution towards the costs.

To ensure that your figures are reproduced to the highest possible standards, Cambridge Journals recommends the following formats and resolutions for supplying electronic figures.

Please ensure that your figures are saved at final publication size and are in our recommended file formats. Following these guidelines will result in high quality images being reproduced in both the print and the online versions of the journal.

Line artwork

Format: tif or eps

Colour mode: black and white (also known as 1-bit)

Resolution: 1200 dpi

Combination artwork (line/tone)

Format: tif or eps

Colour mode: grayscale (also known as 8-bit)

Resolution: 800 dpi

Black and white halftone artwork

Format: tif

Colour mode: grayscale (also known as 8-bit)

Resolution: 300 dpi Colour halftone artwork

Format: tif

Colour mode: CMYK colour

Resolution: 300 dpi

**Supplementary Material.** There will normally be one of the following reasons for you to be supplying supplementary material to accompany the online version of your article:

- 1. You wish to link to additional information which due to its nature does not lend itself to print media (examples full data sets, movie or sounds files etc...)
- 2. The Editor of the Journal has requested that you extract certain information from the original article in order to allow for space constraints of the print version.
- 3. You have requested additional material to be available to accompany an article that does not normally allow such material to be included (example tables to accompany a correspondence article).

**N.B:** Please note that *no* copyediting or quality assurance measures will be undertaken on supplementary material (other than to ensure that the file is intact). The authors therefore warrant that the supplementary material that they submit is in a suitable format for publication in this manner. The material shall be published online in exactly the form that it is supplied.

**References.** References are loosely based on the Harvard System; they are cited in the text, using the author's surname and the year of publication, e.g. Henderson (1999) in chronological order. Where a reference has two authors 'and' should be used in the text and the reference list. Where three or more authors appear 'et al.' should be used in the text, e.g. Hoekstra et al. (1999), but the surnames and initials of all the authors must be given in the list as follows.

Journal Article

Dussert, S., Chabrillange, N., Engelmann, F. and Hamon, S. (1999) Quantitative estimation of seed desiccation sensitivity using a quantal response model: application to nine species of the genus *Coffea L. Seed ScienceR esearch* 9,135–144.

Books

**Cromarty, A.S., Ellis, R.H. and Roberts, E.H.** (1985) *The design of seed storage facilities for genetic conservation*. Rome, International Board of Plant Genetic Resources.

**Leopold, A.C. and Vertucci, C.W.** (1986) Physical attributes of desiccated seeds, pp. 22–34 in Leopold, A.C. (Ed.) *Membranes, metabolism and dry organisms*. Ithaca, NY, Cornell University Press.

Chang, C.W. (1975) Fluorides, pp. 57–95 in Mudd, J.B.; Kowlowski, T.T. (Eds) *Responses of plants to air pollution*. New York, Academic Press.

Conference Proceedings

**Eira, M.T.S., Walters, C. and Caldas, L.S.** (1999) Critical water content for desiccation damage in coffee seeds: a role for aqueous glasses? p. 105 *in Proceedings from the VI international workshop of seed biology,* January 1999, Merida, Mexico.

Sun, W.Q. (1997) Function of the glassy state in seed storage stability, pp. 169–179 in Taylor, A.G.; Huang, X-L. (Eds) *Progress in seed research: proceedings of the second international conference on seed science and technology.* Geneva, New York, Communication Services, New York State Agricultural Experiment Station.

#### On final acceptance

**Proofs.** The corresponding author will receive a PDF file page proofs by email

Copyright. Authors will be supplied with a copyright form which must be completed and returned to the Publisher. Papers are accepted on the understanding that the work has been submitted exclusively to the Journal and has not been previously printed elsewhere unless otherwise stated. Violations of scientific ethics, such as submission of work already published elsewhere, material in press, or plagiarism of other published work (in print or electronic form), will result in severe penalties. A lifetime ban will be imposed upon any authors violating these standards of scientific conduct.

**Offprints.** The author of an accepted paper will receive a free PDF file via email. Paper offprints may be purchased prior to the article going to press. An order form is available from the Publisher for this purpose and will be sent to the corresponding author with the article proofs. Completed order forms must be received before the article is printed.

**Reprints.** For all enquiries relating to bulk reprints for commercial use please email special\_sales@cambridge.org

# Please see full Instructions for Contributors at www.journals.cambridge.org/ssr before making any submission

# SEED SCIENCE RESEAR

# CONTENTS

R	FS	FA	\R	$C$ $\vdash$	1 F	Α	Р	F	RS

Modelling seed germination in response to continuous variables: use and limitations of probit analysis and alternative approaches

Hay, F.R., Mead, A. & Bloomberg, M.	165–186
Remobilization of seed phosphorus reserves and their role in attaining phosphorus autotrophy in maize (Zea mays L.) seedlings	
Nadeem, M., Mollier, A., Morel, C., Prud'homme, L., Vives, A. & Pellerin, S.	187–194

Predicting the impact of increasing temperatures on seed germination among populations of Western Australian Banksia (Proteaceae)

Cochrane, A., Hoyle, G.L., Yates, C.J., Wood, J. & Nicotra, A.B. 195-205

Light-dependent associations of germination timing with subsequent life-history traits and maternal habitats for 476 angiosperm species of the eastern Tibetan Plateau grasslands Zhang, C., Liu, K., Qi, W., Ma, Z. & Du, G.

Taiwanese montane Sambucus chinensis seeds require warm stratification, contrasting with other congeneric

temperate members Chen, S.-Y., Chien, C.-T., Hidayati, S.N. & Walck, J.L.

Seasonal influence on dormancy alleviation in Dodonaea viscosa (Sapindaceae) seeds

Jaganathan, G.K. & Liu, B.

Germination niche of the permanent wetland specialist, Parnassia grandifolia DC

Albrecht, M.A. & Long, Q.G. 239-245 Environmental control of germination in semi-arid Mediterranean systems: the case of annuals on gypsum soils

Smoke-enhanced seed germination in Mediterranean Lamiaceae

Sánchez, A.M., Luzuriaga, A.L., Peralta, A.L. & Escudero, A.

Çatav, Ş.S., Küçükakyüz, K., Akbaş, K. & Tavşanoğlu, Ç. 257-264

Effects of great bustard (Otis tarda) gut passage on black nightshade (Solanum nigrum) seed germination 265-271 Bravo, C., Velilla, S., Bautista, L.M. & Peco, B.

# Sign up to Cambridge Journals Online

# You can now:

- > Access complimentary sample material
- > Register for table-of-contents email alerts and stay up-to-date with the latest findings
- > Save searches
- > Download citations to reference management software

To register, visit journals.cambridge.org/register



MIX Paper from responsible sources FSC® C013436



207-215

217-228

229-237

247-256