

# Experimental Agriculture

---

## INSTRUCTIONS TO CONTRIBUTORS

### Electronic Submission of Manuscripts

Contributions for consideration for publication should be submitted online at <http://www.editorialmanager.com/eag>

### Editorial Policy

With a focus on the tropical and sub-tropical regions of the world, *Experimental Agriculture* publishes the results of original research on field, plantation and herbage crops grown for food or feed, or for industrial purposes, and on farming systems, including livestock and people. It reports experimental work designed to explain how crops respond to the environment in biological and physical terms, and on the social and economic issues that may influence the uptake of the results of research by policy makers and farmers, including the role of institutions and partnerships in delivering impact. The journal also publishes accounts and critical discussions of new quantitative and qualitative methods in agricultural research, and of contemporary issues arising in countries where agricultural production needs to develop rapidly. There is a regular book review section and occasional, often invited, reviews of research. Most papers are published within six months from acceptance.

The minimum standards for a paper to be considered by the Editor and the referees are set out below:

- The title page, all headings and the references must conform to the style of *Experimental Agriculture*.
- Each table and figure must be cited in the text of the typescript.
- All figures to be supplied as separate TIFF or EPS files wherever possible.
- The statistical treatment of experimental data must conform to the instructions given in Riley, J. (2001). Presentation of statistical analyses. *Experimental Agriculture* 37: 115–123.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see [www.fsc.org](http://www.fsc.org) for information.

© Cambridge University Press 2012

CAMBRIDGE UNIVERSITY PRESS  
The Edinburgh Building, Cambridge CB2 8RU,  
United Kingdom  
32 Avenue of the Americas, New York, NY  
10013–2473, USA  
477 Williamstown Road, Port Melbourne, VIC  
3207, Australia  
Ruiz de Alarcón 13, 28014 Madrid, Spain  
Dock House, The Waterfront, Cape Town 8001,  
South Africa

*Printed in the United Kingdom by the  
University Press, Cambridge*

# Experimental Agriculture

## CONTENTS

<b>Kihara, J., Bationo, A., Waswa, B., Kimetu, J. M., Vanlauwe, B., Okeyo, J., Mukalama, J. and Martius, C.</b> Effect of reduced tillage and mineral fertilizer application on maize and soybean productivity	159
<b>Carr, M. K. V.</b> The water relations of rubber ( <i>Hevea brasiliensis</i> ): a review	176
<b>Naudin, K., Scopel, E., Andriamandroso, A. L. H., Rakotosoloho, M., Andriamarosoa Ratsimbazafy, N. R. S., Rakotozandriny, J. N., Salgado, P. and Giller, K. E.</b> Trade-offs between biomass use and soil cover. The case of rice-based cropping systems in the lake Alaotra region of Madagascar	194
<b>Morais, L. E., Cavatte, P. C., Medina, E. F., Silva, P. E. M., Martins, S. C. V., Volpi, P. S., Andrade Júnior, S., Machado Filho, J. A., Ronchi, C. P. and Damatta, F. M.</b> The effects of pruning at different times on the growth, photosynthesis and yield of conilon coffee ( <i>Coffea canephora</i> ) clones with varying patterns of fruit maturation in Southeastern Brazil	210
<b>Tsegay, A., Raes, D., Geerts, S., Vanuytrecht, E., Abraha, B., Deckers, J., Bauer, H. and Gebrehiwot, K.</b> Unravelling crop water productivity of tef ( <i>Eragrostis tef</i> (Zucc.) Trotter) through aquacrop in Northern Ethiopia	222
<b>Pace, R., Benincasa, P., Ghanem, M. E., Quinet, M. and Lutts, S.</b> Germination of untreated and primed seeds in rapeseed ( <i>Brassica napus</i> var <i>oleifera</i> del.) under salinity and low matric potential	238
<b>Abrha, B., Delbecque, N., Raes, D., Tsegay, A., Todorovic, M., Heng, L., Vanuytrecht, E., Geerts, S., Garcia-Vila, M. and Deckers, S.</b> Sowing strategies for barley ( <i>Hordeum vulgare</i> L.) based on modelled yield response to water with aquacrop	252
<b>Williams, R., Andersen, R., Marcal, A., Pereira, L., Almeida, L. and Erskine, W.</b> Exploratory agronomy within participatory varietal selection: the case of Peanut in East Timor	272
<b>Sanou, J., Bayala, J., Bazié, P. and Teklehaimanot, Z.</b> Photosynthesis and biomass production by millet ( <i>Pennisetum glaucum</i> ) and taro ( <i>Colocasia esculenta</i> ) grown under baobab ( <i>Adansonia digitata</i> ) and néré ( <i>Parkia biglobosa</i> ) in an agroforestry parkland system of Burkina Faso (West Africa)	283
<b>Book reviews</b>	301

Cambridge Journals Online

For further information about this journal please go to the journal website at: [journals.cambridge.org/eag](http://journals.cambridge.org/eag)



MIX  
Paper from  
responsible sources  
FSC® C018127

CAMBRIDGE  
UNIVERSITY PRESS