

# Exclusive 20% discount to Experimental Agriculture subscribers (Expires 31/12/12)



Order online www.cambridge.org/AGRICULTURE12



### JOURNALS

# Journal of Tropical Ecology

#### Editor

lan Turner, Winchelsea, UK

Journal of Tropical Ecology publishes papers in the important and now established field of the ecology of tropical regions, either arising from original research (experimental or descriptive) or forming significant reviews. First published in 1985, Journal of Tropical Ecology has become a major international ecological journal. With clear, stimulating and readable reports of recent research findings, the journal provides a platform for the dissemination of information on all aspects of tropical communities and ecosystems



Journal of Tropical Ecology is available online at: http://journals.cambridge.org/tro

#### To subscribe contact Customer Services

in Cambridge: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

in New York: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions\_newyork@cambridge.org

Price information is available at: http://journals.cambridge.org/tro

### Free email alerts

Keep up-to-date with new material – sign up at http://journals.cambridge.org/tro-alerts

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



### 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 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 UK by MPG Books

## Experimental Agriculture

### CONTENTS

Ghosh, P. K., Venkatesh, M. S., Hazra, K. K. and Kumar, N. Long-term effect	
of pulses and nutrient management on soil organic carbon dynamics and	470
sustainability on an inceptisol of indo-gangetic plains of India	473
<b>Carr, M. K. V.</b> The water relations and irrigation requirements of pineapple ( <i>Ananas comosus</i> var. <i>comosus</i> ): A review	488
<b>Panda, D. and Sarkar, R. K.</b> Role of non-structural carbohydrate and its catabolism associated with sub 1 qtl in rice subjected to complete submergence	502
Araque, O., Jaimez, R. E., Tezara, W., Coronel, I., Urich, R. and Espinoza, W. Comparative photosynthesis, water relations, growth and survival rates in juvenile criollo cacao cultivars ( <i>Theobroma cacao</i> ) during dry and wet seasons	513
Msilini, N., Attia, H., Rabhi, M., Karray, N., Lachaâl, M. and Ouerghi, Z.	
Responses of two lettuce cultivars to iron deficiency	523
<b>Ghaley, B. B.</b> Uptake and utilization of 5-split nitrogen topdressing in an improved and a traditional rice cultivar in the Bhutan highlands	536
Adigbo, S. O., Olojede, M. O., Harris, P. J. C. and Ajayi, O. Ratooned lowland nerica rice varieties as an option for triple cropping in inland valleys of derived	<i></i>
Savannah in Nigeria	551
<b>Uzun, A., Seday, U., Canihos, E. and Gulsen, O.</b> Oxidative enzyme responses of six citrus rootstocks infected with <i>Phoma tracheiphila</i> (Petri) Kantschaveli and Gikashvili	563
Martínez, JP., Antúnez, A., Pertuzé, R., Acosta, M. D. P., Palma, X., Fuentes, L., Ayala, A., Araya, H. and Lutts, S. Effects of saline water on water status, yield and fruit quality of wild ( <i>Solanum chilense</i> ) and domesticated ( <i>Solanum lycopersicum</i> var. <i>Cerasiforme</i> ) tomatoes	573
Andres, A., Concenço, G., Theisen, G., Galon, L. and Tesio, F. Management of	
red rice ( <i>Oryza sativa</i> ) and barnyardgrass ( <i>Echinochloa crus-galli</i> ) grown with sorghum with reduced rate of atrazine and mechanical methods	587
Book reviews	597

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



