

*Continued from inside front cover*

**Copying:** This journal is registered with the Copyright Clearance Center, 27 Congress St., Salem, Mass. 01970. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per copy fee of \$5.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0014-4797/88 \$5.00 + .00.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

# Experimental Agriculture

Volume 24, Number 2 April 1988

## CONTENTS

- Derek Byerlee and Robert Tripp:** Strengthening Linkages in Agricultural Research through a Farming Systems Perspective: the Role of Social Scientists 137
- D. J. Finney:** Was This in Your Statistics Textbook? I. Agricultural Scientist and Statistician 153
- Raman Kapur, S. R. Bhat and B. K. Tripathi:** Performance of Varietal Mixtures in Sugarcane 163
- D. D. V. Morgan and M. K. V. Carr:** Analysis of Experiments Involving Line Source Sprinkler Irrigation 169
- B. H. Ogwang:** The Mineral Status of Soil, Forage and Cattle Tissues in the Middleveld of Swaziland 177
- D. P. Singh and P. K. Singh:** Effects of Phosphorus and Carbofuran on the Growth and Nitrogen Fixation of *Azolla pinnata* and the Yield of Rice 183
- R. B. Matthews, D. Harris, R. C. Nageswara Rao, J. H. Williams and K. D. R. Wadia:** The Physiological Basis for Yield Differences between Four Genotypes of Groundnut (*Arachis hypogaea*) in Response to Drought. I. Dry Matter Production and Water Use 191
- R. B. Matthews, D. Harris, J. H. Williams and R. C. Nageswara Rao:** The Physiological Basis for Yield Differences between Four Genotypes of Groundnut (*Arachis hypogaea*) in Response to Drought. II. Solar Radiation Interception and Leaf Movement 203
- D. Harris, R. B. Matthews, R. C. Nageswara Rao and J. H. Williams:** The Physiological Basis for Yield Differences between Four Genotypes of Groundnut (*Arachis Hypogaea*) in Response to Drought. III. Developmental Processes 215
- Philip O. Owuor, Tojiro Tsushida, Hiroshi Horita and Toshinobu Murai:** Effects of Geographical Area of Production on the Composition of the Volatile Flavour Compounds in Kenyan Clonal Black CTC Teas 227
- Serpil Terzioğlu:** Responses of Some Turkish Wheat Cultivars to Vernalization and Photoperiod 237
- G. O. Iremiren:** Frequency of Weeding Okra (*Abelmoschus esculentus*) for Optimum Growth and Yield 247
- J. Crossa, B. Westcott and C. Gonzalez:** The Yield Stability of Maize Genotypes across International Environments: Full Season Tropical Maize 253
- Book Reviews** 265

CAMBRIDGE UNIVERSITY PRESS

The Pitt Building, Trumpington Street, Cambridge CB2 1RP  
32 East 57th Street, New York, NY 10022, USA  
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

Printed and bound in Great Britain by Adlard and Son Limited, Dorking, Surrey, and Letchworth, Hertfordshire