

Continued from inside front cover

Preparation and submission of manuscripts. Detailed instructions on the preparation of manuscripts are printed at the back of the first number of each volume of this journal.

Potential contributors are asked to give careful attention to these instructions. This will greatly assist the editors and thus speed the processing of their contributions.

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 0014-4797/89 \$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 25, Number 3 July 1989

CONTENTS

Wolfgang Bayer and Ann Waters-Bayer: Adapting Tropical Pasture Research to the Production System: from Australian Ranching to African Pastoralism (Farming Systems Series – Number 20)	277
D. J. Finney: Was This in Your Statistics Textbook? VI. Regression and Covariance	291
M. G. R. Cannell: Food Crop Potential of Tropical Trees	313
R. J. Summerfield, F. J. Muehlbauer and R. W. Short: Controlled Environments as an Adjunct to Field Research on Lentils (<i>Lens culinaris</i>). V. Cultivar Responses to Above- and Below-average Temperatures during the Reproductive Period	327
Tom I. Ofuya: Effect of Weeds on Pre-flowering Insect Infestation and Seed Yield of Cowpea (<i>Vigna unguiculata</i>) in a Rainforest Area of Nigeria	343
S. S. Parihar and R. S. Tripathi: Dry Matter, Nodulation and Nutrient Uptake in Chickpea (<i>Cicer arietinum</i>) as Influenced by Irrigation and Phosphorus	349
D. MacColl: Studies on Maize (<i>Zea mays</i>) at Bunda, Malawi. I. Yield in Relation to Rainfall	357
D. MacColl: Studies on Maize (<i>Zea mays</i>) at Bunda, Malawi. II. Yield in Short Rotations with Legumes	367
A. Wahbi and P. J. Gregory: Genotypic Differences in Root and Shoot Growth of Barley (<i>Hordeum vulgare</i>). I. Glasshouse Studies of Young Plants and Effects of Rooting Medium	375
A. Wahbi and P. J. Gregory: Genotypic Differences in Root and Shoot Growth of Barley (<i>Hordeum vulgare</i>). II. Field Studies of Growth and Water Use of Crops Grown in Northern Syria	389
Gurbachan Singh, I. P. Abrol and S. S. Cheema: Effects of Spacing and Lopping on a Mesquite (<i>Prosopis juliflora</i>)–Karnal Grass (<i>Leptochloa fusca</i>) Agroforestry System on an Alkaline Soil	401
A. M. Ali: Effects of Planting on Different Sides of the Ridge on Emergence, Plant Growth, Yield and Quality of Potato (<i>Solanum tuberosum</i>) in the Sudan	409
Book Reviews	417

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 in Great Britain at the University Press, Cambridge