

# EXPERIMENTAL AGRICULTURE

*Editor*

PROFESSOR J. P. HUDSON

*Book Review Editor*

PROFESSOR N. W. SIMMONDS

*Editorial Board*

PROFESSOR E. W. RUSSELL (CHAIRMAN)

PROFESSOR A. H. BUNTING

PROFESSOR J. D. IVINS

PROFESSOR D. K. BRITTON

A. R. MELVILLE

DR. R. K. CUNNINGHAM

DR. R. D. STERN

DR. G. WATTS PADWICK



CAMBRIDGE UNIVERSITY PRESS

The Pitt Building, Trumpington Street, Cambridge, CB2 1RP

Bentley House, 200 Euston Road, London NW1 2DB

32 East 57th Street, New York, N.Y. 10022

*Expl Agric.*

**Experimental Agriculture** publishes the results of general agronomic work on crops, herbage and forage, with the main emphasis on field experiments relevant to husbandry in the warmer climates of the world. It also includes papers on agronomic aspects of plant breeding, and welcomes accounts of new experimental techniques, discussions of specific problems met in countries where agricultural production is developing rapidly, articles on new developments in experimental crop husbandry, and occasional papers on technical, economic and sociological aspects of farming systems. The journal is the successor to *The Empire Journal of Experimental Agriculture*.

**Experimental Agriculture** (ISSN 0014-4797) is published quarterly. Four parts form a volume.

**Subscriptions** may be sent to any bookseller or subscription agent or direct to Cambridge University Press, P.O. Box 110, Cambridge CB2 3RL, or in the U.S.A. and Canada, 32 East 57th Street, New York, N.Y. 10022. The subscription price of volume 15, 1979, is £24.00 net (including postage) for a volume (US\$59.00 in the U.S.A. and Canada), payable in advance; separate parts cost £7.50 net or \$19.00 each (plus postage). Second class postage paid at New York, N.Y. POSTMASTER: send address changes in the U.S.A. and Canada to Cambridge University Press, 32 East 57th Street, New York, N.Y. 10022.

**Back Volumes.** Inquiries for Vols. 1-32 of *The Empire Journal of Experimental Agriculture* should be addressed to Wm Dawson & Sons Ltd, Cannon House, Folkestone, Kent. Previously published parts of *Experimental Agriculture* are available from the Cambridge or New York offices of Cambridge University Press.

© Cambridge University Press 1979

**Copying.** This journal is registered with the Copyright Clearance Center, New York. Organizations in the U.S.A., who are also registered with C.C.C., may therefore copy material (beyond the limits permitted by sections 107 and 109 of the U.S. © law) subject to payment to C.C.C. of the per-copy fee indicated in the code on the first page of the article. This consent does not extend to multiple copying for promotional or commercial purposes.

ISI Tear Service, 325 Chestnut Street, Philadelphia, Pennsylvania 19106, U.S.A. is authorized to supply single copies of separate articles for private use only.

**For all other use**, permission should be sought from the Cambridge or New York offices of the Cambridge University Press.

#### NOTES FOR CONTRIBUTORS

Contributions will be welcomed from scientists of all nationalities, particularly those working in tropical and sub-tropical countries where up-to-date techniques of agricultural experimentation are helping in the development of more effective methods of farm production. **Contributions, which must be written in English, should be sent to the Editor, Professor J. P. Hudson, The Spinney, Wrington, Bristol BS18 7LB, England.**

**Conditions of acceptance.** Submission of a paper will be taken to imply that the material has not previously been published, and is not being submitted for publication elsewhere. Papers published in *Experimental Agriculture* may not be reprinted or published in translation without permission from the Editor, given on behalf of the Editorial Board.

**General lay-out.** Before having manuscripts typed contributors are asked to look carefully at the lay-out of other papers published in a recent number of this journal, to ensure that their own papers,

as submitted, conform as closely as possible to the accepted pattern. This very much facilitates the work of the Editor and may often result in a paper being published earlier than if it requires a great deal of detailed editorial attention. It may also avoid the need for the paper to be referred back to the author. Numerical data can be presented in the form of tables or diagrams, but not both ways. **The economics of publishing make it necessary to impose a limit on the length of papers, which should not normally exceed eight pages (including diagrams and tables) as set for printing. Tables should not be more than 80 typewriter characters wide, including spaces between words, figures and columns.**

**Typescripts.** The top copy and one carbon copy of the script should be submitted, typed with double spacing, on one side of the paper only and with margins of about 1½ inches at the left-hand side and head of each sheet. Quarto or A4 sizes are preferred to foolscap.