

tion. It is particularly important, for example, that the title should contain references, where relevant, to the crop, the character of the investigation, the factors under review, and the climatic or geographic area in which the work was done.

**Headings.** The following details should be given at the head of the first sheet: the full title of the paper; a short title for running headlines, not exceeding 48 characters, counting each letter and space as one character; the name(s) of the author(s); the address at which the work was carried out; the present address(es) of author(s), if different from the previous item; and the address (normally of the senior author or his proxy) to which proofs should be sent.

**Summary.** A short but accurate and informative summary must be included. The preparation of the summary, which requires much care, is not an Editorial responsibility. Papers received without adequate summaries will be returned to the author.

**Experimentation.** This journal specialises in the presentation of data based on up-to-date methods of experimentation. It is therefore important that, where appropriate, papers should include: an adequate account of lay-outs; description of treatments and general management; and assessments of experimental variability (e.g. coefficient of variation) and of the statistical significance of the results, specifying the methods used for the analysis (but without showing any details of the calculations). Authors are urged to give the dates when experiments were carried out.

**Plates.** These should only be included where they are essential to the understanding of the paper, and will only be accepted if of high quality. Photographs should be provided as unmounted glossy black-and-white prints (colour prints, but not colour transparencies, are acceptable for reproduction in black-and-white; they can only be reproduced in colour if a financial subsidy is provided). If lettering is to be inserted on a print, this should be shown on a spare copy or an overlay, and an unmarked print provided for marking by the printer. Please do not write heavily on the back of prints or use clips that mark them.

**Diagrams.** Diagrams should be drawn in Indian ink on white drawing paper, and the precise position of all lettering should be indicated. Each illustration should bear the name of the author(s) and the figure number, written clearly in the margin or on the back. On no account should any diagram be submitted on a sheet larger than foolscap size.

**Dating the work.** Dates should be given for the beginning event of each experiment. The editors are reluctant to accept papers submitted more than three years after the end of the relevant experimental work.

**Legends.** The legends for all illustrations should be given on a separate sheet of paper, clearly marked with the number of each plate or diagram. The ideal position for each diagram should be marked in the text, although it may not always be possible to put the illustration exactly in that place. Plates will normally be bound immediately after the end of the paper.

**Tables.** Each table should be typed on a separate sheet of paper, and its preferred position indicated on the typescript. Each table should be numbered and bear an appropriate title, along the lines normally used for tables in this publication. Contributors are specially asked to avoid presenting tables that are too large to print across the page.

**Units.** After 1972 papers will only be accepted if data are presented in metric units. A leaflet giving full details of the S.I. system is available from the Editor.

**References.** The Harvard system of citation is used throughout as follows: name and initial(s) of author(s); year of publication in parentheses, further distinguished by the addition of small letters *a*, *b*, *c*, etc., where there are citations to more than one paper published by the same author(s) in one year; contracted title of periodical as given in the *World List of Scientific Periodicals*; volume number in arabic figures; number of the first page of the paper. In the text, references should be denoted by giving the name of the author(s) with the date of publication in parentheses, e.g. Brown (1937) ..., (Brown, 1937), (Brown, 1937*a*; Jones and Smith, 1942*a, b*). In the list of references all names should be given in full, but where more than two collaborating authors are quoted in the text, only the first name is normally shown, followed by *et al.*

**Referees.** All manuscripts are critically reviewed by expert referees, on whose advice the Editor accepts or rejects contributions, or returns them to authors for re-consideration.

**Proofs.** Two sets of single-sided page proofs will be sent to each author, but it is the responsibility of the senior author to collate the views of his co-author(s) and submit a consolidated set of corrections to the Editor, by returning to him the printers' marked proof (identified by the words 'marked copy') with all required corrections. No further corrected proof will be sent to the author, unless this is specially requested. Excessive alterations, other than corrections of printers' errors, may be disallowed or charged to the author. Corrections should be made using the symbols in British Standard 1219:1958, or its shortened version B.S. 1219c:1958, obtainable from the British Standards Institution, 2 Park Street, London, W. 1.

**Offprints.** Fifty offprints will be sent free of charge to the author. Where there are two or more authors, all fifty offprints will be sent to the senior author, unless the Printer is asked to divide them. Additional offprints may be ordered on the form sent out with the proofs (to the senior author only if there is more than one) provided this is returned to the Printer within seven days of its receipt by the author.

**The Editor** will be pleased to send on request:—  
**Notes on the choice of titles and preparations of summaries** (based on a paper by G. V. Jacks).  
**Suggestions on the use of English for scientific papers** (based on a paper by A. S. Kirkman).  
**Details on the use of metrical units in scientific journals** (as agreed by the Royal Society Conference of Editors—see note on **Units** above).

# EXPERIMENTAL AGRICULTURE

VOLUME 6, NUMBER 2, APRIL 1970

## CONTENTS

- T. Woodhead:** Confidence Limits for Seasonal Rainfall: Their Value in Kenya Agriculture 81
- T. Woodhead, E. S. Waweru and E. F. Lawes:** Expected Rainfall and Kenya Agriculture-Confidence Limits for Large Areas at Minimum Cost 87
- Y. Wong You Cheong and P. Halais:** Needs of Sugar Cane for Silicon when Growing in Highly Weathered Latosols 99
- A. H. El Nadi:** Water Relations of Beans. II. Effects of Differential Irrigation on Yield and Seed Size of Broad Beans 107
- Poon Yew Chin, J. A. Varley and J. B. Ward:** Foliar Composition of the Oil Palm in West Malaysia 1. Variation in Leaf Nutrient Levels in Relation to Sampling Intensity 113
- Hillela Vigodsky and N. Zieslin:** Effects of Application Techniques on the Control of Powdery Mildew on Roses 123
- George Froussios:** Genetic Diversity and Agricultural Potential in *Phaseolus vulgaris* 129
- M. A. Khalife:** Effects of Sowing Date, Nitrogen and Seed Rate on Wheat Yields in the Sudan Gezira 143
- N. Albasal, Z. Dor, R. Carmeli and U. Kafkafi:** Growth of Sugar Beet (Var. Polygrave) in Relation to Petiole Nitrate Content 151
- T. M. Wormer and J. Gituanja:** Floral Initiation and Flowering of *Coffea arabica* L. in Kenya 157
- H. A. Habish and Sh. M. Khairi:** Nodulation of Legumes in the Sudan. II. Rhizobium Strains and Cross-Inoculations of *Acacia Spp* 171
- Book Reviews:**
- La Fumure du Palmier à Huile: M. Comhaire 177
- Pests of Rice: D. H. Grist and R. J. A. W. Lever 177
- World Crop Protection: Vol. 1. Pests and Diseases:  
J. H. Stapley and F. C. H. Gayner
- World Crop Protection: Vol. 2. Pesticides: K. A. Hassall 179

Printed in Great Britain by Adlard & Son Ltd.  
Bartholomew Press, Dorking, Surrey