

recent number of this journal. Papers must be submitted in a form that corresponds closely with the current lay-out of the journal; typescripts not so prepared may be returned for revision before the Editor considers sending them to referees. Proper presentation 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. (Copies of a leaflet 'Preparing papers for scientific journals', giving detailed guidance on this aspect, will be sent post free on request.) 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 $1\frac{1}{2}$ inches at the left-hand side and head of each sheet. Quarto or A4 sizes are preferred to foolscap.

Title. The development of automatic bibliographic methods, based on indexing the significant words in the title, make it essential that the title of each paper should contain the maximum of useful information. 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.

Meadings. 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(es) to which proofs should be sent (see under 'Proofs' below).

Summary. A short but accurate and informative summary must be included, *not larger than ten lines of typescript*. The preparation of the summary, which requires much care, is not an Editorial responsibility.

Experimentation. This journal specialises in the presentation of data based on up-to-date methods of field experimentation. It is therefore important, where appropriate, that papers should include: an adequate account of experimental lay-outs; a 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). Papers can rarely be accepted if the work was carried out in containers, and/or under glasshouse conditions, unless it forms part of an investigation on field problems. Most agronomic investigations require at least two years of experimentation because of the variable effects of weather; papers based on a single season's work are not usually acceptable. The journal does not normally publish accounts of straightforward trials of pesticides, herbicides or varieties, since such papers are usually of local interest only.

Plates. Illustrations are welcome if they contribute to an understanding of the paper, but 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 should be provided for marking by the printer.

Figures. Diagrams, including lettering should be in Indian ink on white drawing paper. 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 diagrams be submitted on sheets larger than foolscap size, and preferably not larger than A4.

Legends. The legends for all illustrations should be given on separate sheets 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 be possible to put the illustration exactly in that place.

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

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 legend, 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, hence the limit of 80 typewriter characters referred to earlier, (N.B. It is rarely necessary to cite results to more than three significant figures in tables.)

Use of metric units. All data must be presented in metric units. Comparable data in local units (e.g. acres, ounces, etc.) may be given in parentheses at the first mention, or factors for converting metric into local units may be given as footnotes. The use of SI units will probably become mandatory at some time in the future.

References. The Harvard system of citation is used throughout. In the list of references all authors' names should be given. **Not more that fifteen papers should normally be cited.** It is preferable not to cite publications that are not readily accessible, such as theses.

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

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 printer's marked proof (identified by the words 'marked copy') with all required corrections. No further corrected proof will be sent to the author(s), unless this is specially requested. Excessive alterations, other than corrections of printer's errors, may be disallowed or charged to the author.

Offprints. Fifty offprints will be sent free of charge to the author(s). 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.

Return of manuscript. Where a submission is not accepted for publication the top copy will be returned; manuscripts on thin (air-mail) paper will usually be sent by air but bulky manuscripts from overseas may be returned by surface mail.

EXPERIMENTAL AGRICULTURE VOLUME 18, NUMBER 3, JULY 1982

CONTENTS

R. D. Stern, M. D. Dennett and I. C. Dale: Analysing Daily Rain-	
fall Measurements to Give Agronomically Useful Results. I. Direct	
Methods (Methodology of Experimental Agriculture-Number 24)	223
R. D. Stern, M. D. Dennett and I. C. Dale: Analysing Daily	
Rainfall Measurements to Give Agronomically Useful Results. II.	
A Modelling Approach (Methodology of Experimental Agriculture-	
Number 25)	237
J. W. McNicol, S. C. M. Ng and R. Kidger: A Data-capture	
System for Agricultural Research Based on a Microcomputer	
(Methodology of Experimental Agriculture—Number 26)	255
K. R. Howse and M. J. Goss: Installation and Evaluation of Perma-	
nent Access Pits which Permit Continuity of Measurement in Culti-	
vated Soils (Methodology of Experimental Agriculture-Number 27)	267
M. S. Reddy and R. W. Willey: Improved Cropping Systems for the	
Deep Vertisols of the Indian Semi-arid Tropics	277
B. S. Dahiya, A. C. Kapoor, I. S. Solanki and R. S. Waldia:	
Effects of Cultivar and Location on Seed Protein in Chickpea (Cicer	
arietinum)	289
S. N. Saha and S. C. Bhargava: Flowering Pattern and Reproduc-	
tive Efficiency of Oilseed Sesame	293
J. A. Ayuk-Takem and H. R. Chheda: Effects of Leaf Blight and	
Rust on Maize in Lowland and Highland Cameroon Environments	299
A. Levy and D. Palevitch: Effect of Planting Date on Flowering	
Rate and Capsule Yield of Papaver bracteatum	305
M. I. Ezueh: Effects of Planting Dates on Pest Infestation, Yield	
and Harvest Quality of Cowpea (Vigna unguiculata)	311
K. E. Flattery: An Assessment of Pest Damage on Grain Sorghum	
in Botswana	319
Book Reviews	329

© Cambridge University Press 1982 Printed in Great Britain by Adlard & Son Ltd. Bartholomew Press, Dorking