

DIRECTIONS TO CONTRIBUTORS

GENERAL

Two copies of manuscripts should be sent to the Editor, *Journal of Dairy Research*, Dr W. Manson, The Hannah Research Institute, Ayr KA6 5HL, Scotland. Submission of a paper will be held to imply that it reports unpublished original work, that it is not under consideration for publication elsewhere, and that if accepted for the *Journal* it will not be published elsewhere in any language, without the consent of the Editors.

FORM OF PAPERS

The author should follow these directions carefully, and consult a current issue of the *Journal* for guidance on details of typographical and other conventions.

Every paper should be headed with its title, the names and initials of the authors (each author supplying one given name) and the name and address of the laboratory where the work was done.

Papers should be in English, using the spelling of the *Shorter Oxford English Dictionary*. They should be typed with double spacing, on one side only of the sheets, and with ample margins for editorial annotations.

Papers should in general be divided into the following parts in the order indicated: (a) Summary, brief and self-contained; (b) Introductory paragraphs, briefly explaining the object of the work but without giving an extensive account of the literature; (c) Experimental or Materials and Methods; (d) Results; (e) Discussion and Conclusions; (f) Acknowledgements without a heading; (g) References. With some types of material headings other than (c), (d) and (e) may be preferable.

The use of footnotes should be avoided if possible. Underlining should be used only to indicate italics. Proper nouns, including trade names, should be given a capital initial letter. Manufacturers or suppliers of materials and equipment, with their addresses, should be given. The typescript should carry the name and address of the person to whom the proofs are to be sent, and give a shortened version of the paper's title, not exceeding 45 letters and spaces, suitable for a running title in the *Journal*.

TABLES

Tables should be numbered and should carry headings describing their content. They should be comprehensible without reference to the text. They should be typed on separate sheets and their approximate positions in the text indicated. *To minimize the cost of printing, the number and size of tables should be kept to an absolute minimum.*

ILLUSTRATIONS

Line drawings and photographs, which must be originals, should be numbered as Figures in Arabic numerals. Drawings should be in Indian ink, on Bristol board or cartridge paper. However, a technique which may be more convenient to authors is to use a double-sized folded piece of tracing paper, or translucent graph paper, with the drawing on one half and the other half acting as a flyleaf. *There should be no lettering or numerals on the drawing itself.*

Attached to every figure there should be a translucent flyleaf cover on the outside of which should be written legibly: (a) title of paper and name of author; (b) figure; (c) the figures and lettering, which are intended to appear on

the finished block, in the correct positions relative to the drawing underneath. Each paper should have a separate typed sheet listing figure numbers with their legends, and the approximate positions of illustrations should be indicated in the text.

The photographs and diagrams should be about twice the size of the finished block and not larger overall than the sheets on which the paper itself is typed. For a figure measuring 250 mm × 150 mm all lines, axes and curves should be 0.4 mm thick, thus ———. Graph symbols in order of preference are ○ ●, △ ▲, □ ■, × +, and for a 250 mm × 150 mm graph the circles should be 3 mm in diam. The triangles should be equilateral of 3 mm side, and the squares also of 3 mm side. The crosses should have lines 3 mm long at right angles. Scale marks on the axes should be on the inner side of each axis and should be 3 mm long.

SHORT COMMUNICATIONS

Short communications or notes of not more than 2500 words or the equivalent space in print and without a summary will also be published.

REFERENCES

In the text, references should be quoted by whichever of the following ways is appropriate: Arnold & Barnard (1900); Arnold & Barnard (1900*a*); Arnold & Barnard (1900*a, b*); Arnold *et al.* (1900). Give both names for two authors. For three or more authors give the first name *et al.* on all occasions, adding *a, b*, etc. to the date if there is any ambiguity.

References should be listed alphabetically at the end of the paper. Titles of journals should be given in full, authors' names should be in caps and their initials included. Each reference should be punctuated and set out thus: ARNOLD, T. B., BARNARD, R. N. & COMPOUND, P. J. 1900. Title of paper. *Journal of Dairy Research* **18**, 158–165, and references to books should include names of authors, year of publication, title, names of editors, town of publication and name of publisher in that order, thus: ARNOLD, T. B. 1900 In *Dairying*, vol. 1, pp. 5–11 (Ed. R. W. Brown). London: Brown and Chester.

It is the duty of the author to check all references.

UNITS, SYMBOLS AND ABBREVIATIONS

SI units must be used, as explained in British Standards Institution publication BS 5555: 1981 (*Specification for SI units and recommendations for the use of their multiples and of certain other units*). Until SI units are widely understood, it is permissible to give the equivalent value in other units in parenthesis. Symbols and abbreviations used are those of British Standard 5775 (*Specification for Quantities, Units and Symbols*).

DESCRIPTIONS OF SOLUTIONS

Normality and molarity should be indicated thus: N-HCl, 0.1 M-NaH₂PO₄. The term ‘%’ means g/100 g solution. For ml/100 ml solution the term ‘% (v/v)’ should be used and for g/100 ml solution the correct abbreviation is ‘% (w/v)’.

OFFPRINTS

Order forms giving quotations for offprints are sent to authors with their proofs.

JOURNAL OF DAIRY RESEARCH

Volume 56 Number 4 August 1989

CONTENTS

Pages

Original articles

- Effect of amount and composition of feed given over three lactations on the performance of the dairy cow
W. H. BROSTER, A. J. CLEMENTS, V. J. BROSTER, T. SMITH, J. W. SIVITER and R. E. HILL 561-577
- Automatic application of teat disinfectant through the milking machine cluster
R. J. GRINDAL and D. J. PRIEST 579-585
- Short-term effects of frequent milking of dairy cows
R. VAN DER IEST and J. E. HILLERTON 587-592
- Laboratory simulations of a commercial UHT treatment using an oil bath and a programmable, electronically temperature-controlled oven
R. E. O'CONNOR and C. O'CONNOR 593-602
- Tryptic phosphopeptides from whole casein. I. Preparation and analysis by fast protein liquid chromatography
M. A. JULLERAT, R. BAECHLER, R. BERROCAL, S. CHANTON, J.-C. SCHERZ and R. JOST 603-611
- Incorporation of individual casein constituents into casein aggregates cross-linked by colloidal calcium phosphate in artificial casein micelles
T. AOKI 613-618
- A method for determination of γ -casein and its use for investigating proteolysis in bovine milk
Y. IGARASHI 619-629
- Determination of chymosin and bovine pepsin A activity in combined rennets on the basis of immunochemical inhibition
E. BERÁNKOVÁ, P. RAUCH and J. KÁŠ 631-637
- Characteristics of the autolysis of variants of *Lactococcus lactis* subsp. *cremoris*
K. NISKASAARI 639-649
- Monitoring of B-complex vitamins in yogurt during fermentation
W. KNEIFEL, S. HOLUB and M. WIRTHMANN 651-656
- Comparison of Cheddar cheese made with a recombinant calf chymosin and with standard calf rennet
V. E. BINES, P. YOUNG and B. A. LAW 657-664
- Chemical prediction of water activity in processed cheese
M. A. ESTEBAN and A. MARCOS 665-668
- Short communication**
- Phosphopeptide dissociation from micellar calcium phosphate preparations does not induce crystallinity
L. S. NELSON JR, C. HOLT and D. W. L. HUKINS 669-673

© Proprietors of *Journal of Dairy Research* 1989
Printed in Great Britain by the University Press, Cambridge