GENERAL

Two copies of manuscripts should be sent to Dr M. E. Sharpe (*Journal of Dairy Research*), AFRC Food Research Institute, Reading, Shinfield, Reading, RG2 9AT, UK. Submission of a paper will be held to imply that it reports unpublished original work, that it is not under consideration for publication elsewhere, and that if accepted for the *Journal* it will not be published elsewhere in any language, without the consent of the Editors.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 $\bigcirc \bigcirc, \bigtriangleup \blacktriangle, \square \blacksquare, \times +,$ 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* (Ed. R. W. Brown) vol. 1, pp. 5–11. 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 53, Number 1, February 1986

CONTENTS

the case of the second second second	
ORIGINAL ARTICLES	
Seasonal variation and characterization of Micrococcaceae present in ewes' raw milk	
L. BAUTISTA, M. P. BERMEJO and M. NUÑEZ	pages 1-5
Short-term associations between disease and milk yield of dairy cows	pages I J
S. LUCEY, G. J. ROWLANDS and A. M. RUSSELL	7–15
Effects on mastitis of overmilking in conjuction with pulsation failure G. A. MEIN, M. R. BROWN and D. M. WILLIAMS	17-22
Relationship between ethanol stability of bovine milk and natural variations in milk composition	
W. J. DONNELLY and D. S. HORNE	23-33
Fractionation of bovine caseins by reverse phase high performance liquid chromatography: identification of a genetic variant C. CARLES	35-41
Analysis by fast protein liquid chromatography of variants of κ -casein and their relevance to micellar structure and renneting	
D. G. DALGLEISH Separation of casein aggregates cross-linked by colloidal calcium phosphate from bovine casein micelles by high performance gel	43-51
chromatography in the presence of urea T. AOKI, Y. KAKO and T. IMAMURA	53–59
Development of an objective method for assessing the mechanical strength of casein curd	
M. S. JABLONKA and P. A. MUNRO	61-68
Effect of precipitation temperature and pH on the mechanical strength of batch precipitated acid casein curd M. S. JABLONKA and P. A. MUNRO	69-73
Effect of pH on the formation of deposit from milk on heated surfaces during ultra high temperature processing P. J. SKUDDER, B. E. BROOKER, A. D. BONSEY and N. R. ALVAREZ-GUERRERO	75-87
Effects of iodate, hydrogen peroxide and dichromate on the denaturation of whey proteins in heated milk	15-01
R. J. MARSHALL Physicochemical properties of proteinases from selected psychrotrophic	89–95
bacteria	
G. E. MITCHELL, K. N. EWINGS and J. P. BARTLEY A rapid colorimetric assay for the extracellular lipase of	97–115
Pseudomonas fluorescens B52 using β -naphthyl caprylate R. C. MCKELLAR	117-127
SHORT COMMUNICATIONS	
Effect of size of casein micelles on coagulation properties of skim milk G. D. FORD and A. S. GRANDISON	129-133
No evidence for the presence of β -casomorphins in human plasma after ingestion of cows' milk or milk products H. TESCHEMACHER, M. UMBACH, U. HAMEL, K. PRAETORIUS, G. AHNERT-HILGER, V. BRANTL, F. LOTTSPEICH and A. HENSCHEN	135-138
REVIEW ARTICLE	
Proteinases of psychrotrophic bacteria: their production, properties, effects and control D. J. FAIRBAIRN and B. A. LAW	139-177
The second	137-111

© Proprietors of Journal of Dairy Research 1986

Printed in Great Britain at the University Press, Cambridge