

INSTRUCTIONS TO AUTHORS

POLICY: See "Editorial Policy" in this issue.

PAPERS: Three types of papers are published:

Articles: Comprehensive reviews of a scientific or applied field and reports of complete, scientifically sound original research that contribute new knowledge should be submitted as articles. Reports should include all important findings and bring together reports from a number of sources. Reports of original research must be organized as described under **TEXT**.

Notes: Notes are brief reports of scientifically sound research of limited scope that contribute new knowledge. They need not have the formal organization of an article. No abstract is required.

Communications to the Editor: Communications are brief preliminary reports of new, unexpected findings for which the author wishes to ensure priority of publication. They need not have the formal organization of an article. Speedy publication is assured. In return, the author accepts responsibility for the reliability of the information and will later publish complete findings in an article.

GENERAL INSTRUCTIONS: All papers must be written in clear, concise English and styled for **CEREAL CHEMISTRY** according to any recent issue.

Submit three double-spaced copies of the manuscript with wide margins on white 8-1/2 × 11 in. paper. Double-space all tables, literature citations, captions, abstracts, and key words. Send at least three sets of glossy prints of photographs (not photocopies) and three sets of drawings, including the originals. They will be returned to the author on request.

On the first page, immediately below the title, give authors' names, affiliations, and business addresses, including zip codes. Number each page in the top right corner in the following order: title page, abstract, key words, text, literature cited, captions, tables. Below the page number place the first author's name and "CEREAL CHEM."

Indicate lightly in pencil in the left margin the precise meaning of terms or symbols that might be ambiguous to the typesetter, eg, distinguish "O" from zero or a prime symbol from an apostrophe.

Number the lines of each page or use line-numbered paper. (Such paper is available from the American Society of Agronomy, 677 S. Segoe Rd., Madison, WI 53711.)

If your manuscript gives citations to papers that you have submitted but which are unpublished, send two copies of each of those papers with your manuscript.

Include the names and addresses of four to six persons in North America outside of your own institution or company whom you believe are qualified to review your paper.

In your letter of transmittal, please state the area or areas that are covered in your paper.

EDITORIAL STYLE: AACC publications are edited according to *Handbook for Authors of Papers in the Journals of the American Chemical Society and Webster's Dictionary*. (The handbook is available from Special Issues Sales, American Chemical Society, 1155 Sixteenth St. N.W., Washington, DC 20036.) In general, follow usage recommended by *Chemical Abstracts* and carefully adhere to editorial style as outlined in the handbook. Particularly note the sections regarding abbreviations and preferred spellings. Any deviations from the handbook's style will be given in these instructions.

One such change is use of capital L as the abbreviation for liter rather than the lower case letter.

Specifics not included in the handbook are use of lower case for such items as farinograph unless the exact trade name is used, use of "i" in extensigram and extensigraph unless the exact trade name is used, and use of absorbance (not optical density) in accordance with terminology of the American Optical Society. Authors have sole responsibility for accuracy of trade names.

Reporting *nitrogen* rather than *protein* is preferable in many cases. If protein is reported, the conversion factor is required.

TITLE: The title must describe the contents accurately and concisely. Start the title with a significant word that will aid in indexing and information retrieval.

ABSTRACT: The abstract, which must precede the text, is a brief summary of major findings and conclusions. Data are not required. Do not use such statements as, "Results are discussed." Abstracts should be 200 words or less. Type the abstract on a separate sheet.

KEY WORDS: Submit a list of not more than five key words on a separate sheet to be used for indexing.

TEXT: Organize reports of original research into introduction, materials and methods, results, and discussion sections. The introduction briefly reviews important prior publications and states the reason for the investigation that is being reported. Under materials and methods, describe materials used and the general aspects of experimental procedures with sufficient clarity to permit qualified operators to repeat the work. Specific details of experimental procedures and conditions should be provided in the captions of each table or figure unless already provided under materials and methods

(or in the caption of another table or figure). Enough information should be given so that the table or figure is intelligible without reference to the text. Results and discussion may be combined into a single section.

If analytical data are reported, replicate analyses must have been made and the number of replications must be stated. Standard error or other evidence of reliability of data must be given. When applicable, recoveries must be reported. Papers that describe kernel properties are required to present all important kernel data, including weight and protein content per kernel. Direct comparison of features of different photomicrographs may be made only when the photomicrographs are at the same magnification.

LITERATURE CITED: Give credit for important prior research that has been published in foreign as well as American journals. Refer to individual recent articles, but avoid a long introductory review by citing published reviews of older work. Indicate personal communications and other unpublished work in footnotes to the text.

Arrange and number citations in the order in which they occur in the text and label them as "Literature Cited." See recent issues for style. Reference numbers *must* be given in the text. Abbreviate journal names as in *Chemical Abstracts* (1970). **Authors bear sole responsibility for the accuracy and completeness of their literature citations.**

FIGURES: Prepare line drawings and photographs to fit within the printed area of a page, ie, 4-3/4 in., or 120 mm, wide. Make drawings twice the width of the page (see handbook, p 68). If possible, make photographs to fit the page without reduction in size.

Have a competent draftsman make line drawings. Use the horizontal axis for the independent variable. Draw curves heaviest, axes or frame lighter, and grid lines lightest. Show experimental points. Omit figure numbers and titles from face of drawings. Identify each with number, author, and title of article on the back. Omit labels or keep them brief and amplify in the caption.

Use white paper, tracing linen, or blue-lined graph paper. Use India ink for lines and lettering and a guide for the latter. Plan letters and numerals to be 1/16 to 1/8 in. high *after reduction*. All capital letters are preferred for readability after reduction. Do not extend explanatory wording beyond the frame of the graph. Lettering on figures must be consistent with usage required in the text. Graphs may have to be returned to authors if this is not done.

Identify each photographic print on the back by *lightly* writing figure number, author, and title of article. Give the scale of magnification by a scale bar *on* each photomicrograph. Submit captions for all figures on a separate sheet.

TABLES: Arrange data to facilitate comparisons that readers must make. Keep tables small by breaking up large ones if feasible. Omit all nonessentials such as laboratory numbers and columns of data that show no significant variation or that have only a few values. Discuss such data in the text. Do not include data that is not discussed in the text. Round off numbers to significant digits. Keep side headings short. Use abbreviations if necessary (nonstandard ones can be explained in footnotes). Leader tables (without a number, main heading, or rules) are often preferable for small groups of data. *Never use ditto marks in tables or figures*]

Submit each table other than leader tables on a separate sheet. Follow closely the style in CEREAL CHEMISTRY for headings, footnotes, and rules. Do not draw or type any vertical rules. Indicate the position of tables and figures in text by typing the appropriate numbers between lines.

Send all correspondence, new manuscripts, and corrected proofs to: Editorial Office, American Association of Cereal Chemists, 3340 Pilot Knob Rd., St. Paul, MN 55121.