

## INFORMATION FOR AUTHORS

The Journal of Agricultural Engineering contains only original research papers and submission of a manuscript will be considered to imply that no similar manuscript has been or is being submitted elsewhere. The manuscript (three copies along with a soft copy by post or softcopy through e-mail) in English language, typed in double space on one side of A-4 size paper, should be submitted to the Chief Editor along with a forwarding letter. The e-mail address of the corresponding author must be indicated for further correspondence.

The subject matter reflects the full range and interdisciplinary nature of research in engineering and physics for agriculture. Manuscripts describing engineering innovations for field crops, horticulture, livestock and fisheries and those reporting research seeking to understand and model the physical processes underlying agricultural systems are welcome.

The three types of manuscript namely research manuscripts, research notes review papers are invited for publication. Research manuscripts are the normal type of papers published and make up the main content of the Journal. They should not normally exceed 8 Journal pages. Research notes enable important findings to be speedily communicated and facilitate the reporting of work not meriting a full length paper. They should not exceed three Journal pages. Review papers are intended to be in-depth studies of the state-of –the-art in the chosen subjects. They should not normally exceed 15 Journal pages.

The manuscript should be arranged as follows:

Softcopy in MS Word, Font sizes for various sections are: Font: Times New Roman, Title heading: 18 pt bold upper lower, Author name: 11.5 pt italic bold u/L. Abstract heading: 11 pt bold cap, Abstract text: 9 pt normal, Text: 10.5 pt normal, Sub-heading: 9 pt Cap bold centre, Fig/table caption: 10 pt bold u/l centre, Conclusion and references: same as text, footnote: 8 pt italics.

- *Title, authors' name(s), affiliations, addresses. Please necessarily include e-mail address of the corresponding author.*
- *Abstract.* The Abstract of not more than 200 words should state the problem investigated, outline the methods used and summarize the main conclusions.
- *Main body text.* The main body of the text should be divided under suitable headings, numbered to show the hierarchical order. Some or all of the following headings may be appropriate.
  - *Introduction:* This should explain the problem investigated, review earlier work and state the intention the present manuscript.
  - *Theoretical considerations:* It may appropriate to explain or develop a theory to shed light on a problem or to correlate experimental results.
  - *Materials and Methods or Procedures or Experimental details*
  - *Results and Discussion:* The results should be presented with reference to appropriate figures and tables. The most appropriate presentations should be chosen and tabulated data should not duplicate that shown graphically. The discussion must include the comparison of findings with the previous work done.
  - *Conclusions.* Research and Review papers must have this final section, but it is optional in Research Notes. Conclusions emerging from the work should be succinctly summarized. These conclusions must have been discussed in the paper and new material must not be introduced at this stage. The contents of the Abstract and Conclusions should not be repetitive.
- *List of symbols*
- *Acknowledgments:* optional.
- *Reference:* References in the text should be in the format of surnames of authors, followed by the year of publication of the appropriate reference, separated by a semi colon. The artifice "Leading author et al." should be used in the text

for multiple (more than two) authorship papers. Each reference should give the names of all authors (or, if anonymous, the name of the organization), the year of publication, the title in that order. Some examples of references are given below.

In the text: "Previous work has shown (Hammer & Langhans, 1972; Federer, 1955)..."

In the references list (to journals):

**Hammer PA; Langhans R W.** 1972. Experimental design considerations for growth chamber studies. Hort. Science, 7, 481-483.

Reference list (to books): **Federer Wt.** 1955. Experimental Design. Macmillan, New York, 46-79.

- *Appendices:* It may be appropriate to place detailed mathematical derivations in appendices, rather in the main body of the text.
- *Figure captions:* These should be listed, together with any 'key' information necessary to aid interpretations.
- *Tables:* Each table must be placed on a separate page after References, and numbered consecutively throughout the text (with Arabic numerals) and referred to as Table 1, Table 2, etc. There must be a caption (Table 1. Performance parameters of bullock drawn sprayer) at the top of each Table.
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All illustrations, whether line drawings, graphs or photographs, are presented as figures and are given numbers (e.g. Fig. 1) in ascending numerical order as reference is first made to each in the text. All graphs must be submitted in EXCEL software and the respective data made available in separate spreadsheet included with the softcopy of the manuscript. The style of graphs may be seen in any recent issue of the Journal.

When the manuscript is accepted for publication, line-drawings of drawings without lettering will be required. The publisher will insert the lettering to maintain a common style, but it greatly helps if the figures provided for guidance (as for refereeing) are in the required style. Softcopies of the line drawings is acceptable, without title, provided they are in printable quality. Hardcopy of line drawings should preferably be in Indian ink on tracing paper, Bristol board or faintly lined graph paper, but without numerals and letters. They should be numbered in soft pencil for ready identification with the complete figures attached to the paper.