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GUIDE FOR AUTHORS

Introduction

Publication Policy: Papers submitted for publication in the *Quarterly Journal* should describe the results of new research in the Agriculture and Allied Sciences. Comprehensive review articles, short articles describing minor investigations on published papers may also be considered.

Papers accepted for the *Quarterly Journal* must contain original research results and have sufficient generality to attract reasonably wide interest in the meteorological community. Documentation of the results of research activities which lack deeper scientific analysis and fail to provide new insight, will not be considered. In some cases the Editors may recommend that a submitted paper will be of more interest to the readership of one of the Journal's sister publications of the Mahima Research Foundation and Social Welfare and will recommend resubmission to that journal. In particular, papers documenting agriculture and allied sciences data analysis may be considered to be more suitable for the **Indian Journal of Agriculture and Allied Sciences**.

While it is committed to only publish the results of original research, the *Quarterly Journal* also welcomes papers describing the outcomes of major research programmes, where the documentation of these outcomes is valuable to a large section of the meteorological community. Such papers include the documentation and first results of major collaborative field campaigns or significant community modelling efforts. In considering such papers, the Editors will take into account the breadth of interest among the journal's readership, and the expected long-term legacy of the paper's content.

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3. Focused on Agriculture and Allied Science or processes that is of narrow regional scope and significance.
4. Fragmentary and providing marginally incremental results.
5. Is poorly written.

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7. The number of figures and tables combined does not exceed a total of 6; additional tables and figures can be submitted as supplementary material.
8. All relevant references should be provided in the Reference list.
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Types of Paper: Original research papers; review articles; rapid communications; short communications; viewpoints; letters to the Editor; book reviews.

1. Research papers - original full-length research papers which have not been published previously, except in a preliminary form, and should not exceed 5000 words (including allowance for no more than 6 tables and illustrations). Research papers should not contain more than 30 references. Author should indicate the period of conducting experiment.
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7. Book reviews

Preparation

Use of Word Processing Software

General: Manuscripts must be typewritten, double-spaced with wide margins on one side of white paper. Each page must be numbered, and lines must be consecutively numbered from the start to the end of the manuscript. Good quality printouts with a font size of 12 or 10 pt are required. The corresponding author should be identified (include a Fax number and E-mail address). Full postal addresses must be given for all co-authors. Authors should consult a recent issue of the journal for

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Abstract: A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself. The abstract should not exceed 150 words.

Introduction: This section is meant to introduce the subject of the paper. Introduction should be short, concise and indicate the objectives and scope of the investigation. To orient readers, give a brief reference to previous concepts and research. Limit literature references to essential information. When new references are available, do not use old references unless it is of historical importance or a landmark in that field. Emphasis should be given among other things on citing the literature on work done under Indian conditions. Introduction must include: (a) a brief statement of the problem, justifying the need for doing the work or the hypothesis on which the work is based, (b) the findings of others that will be further developed or challenged, and (c) an explanation of the approach to be followed and the objectives of the research described in the paper. If the methods employed in the paper are new, it must be indicated in the introduction section.

Materials and Methods: This part of the text should comprise the materials used in the investigation, methods of experiment and analysis adopted. This portion should be self-explanatory and have the requisite information needed for understanding and assessing the results reported subsequently. Enough details should be provided in this section to allow a competent scientist to repeat the experiments, mentally or in fact. The geographical position of soil site or soils used in the experiment or site of field trial should be identified clearly with the help of coordinates (latitude & longitude) and invariably proper classification according to Soil Taxonomy (USDA), must be indicated to the level of Great-group, Suborder or Order as far as possible. For materials, give the appropriate technical specifications and quantities and source or method of preparation. Should a product be identified by trade name, add the name and location of the manufacturer or a major distributor in parenthesis after the first mention of the product. Known methods of analysis should be indicated by referring to the original source, avoiding detailed description. Any new technique developed and followed should be described in fair detail. When some specially procured or proprietary materials are used, give their pertinent chemical and physical properties. Any plants, animals, organisms and soils not already mentioned in the abstract should be identified accurately by scientific name. References for the methods used in the study should be cited. If the techniques are widely familiar, use only their names in that case.

Results and Discussion: This section should discuss the salient points of observation and critical interpretation thereof. This should not be descriptive and mere recital of the data presented in the tables and diagrams. Unnecessary details must be avoided but at the same time significant findings and special features should be highlighted. For systematic discussion, this section may be divided into sub-sections under side-heading and/or paragraph side heading. Relate the results to your objectives. While discussing the results, give particular attention to the problem, question or hypothesis presented in the introduction. Explain the principles, relationships, and generalizations

that can be supported by the results. Point out any exceptions. Explain how the results relate to previous findings, support, contradict or simply add as data. Use the Discussion section to focus on the meaning of your findings rather than recapitulating them. Scientific speculation is encouraged but it should be reasonable and firmly founded in observations. When results differ from previous results, possible explanations should be given. Controversial issues should be discussed clearly.

Conclusion: This section should clearly crystallize the summary of the results obtained along with their implications in solution of the practical problems or contribution to the advancement of the scientific knowledge.

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References

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Reference to a Book

Strunk, W., Jr., & White, E. B. (2000). *The elements of style*. (4th ed.). New York: Longman, (Chapter 4).

Reference to a Chapter in an Edited Book

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