

GENERAL INSTRUCTION OF WRITING THE SCIENTIFIC PAPERS TO THE “MONGOLIAN JOURNAL OF AGRICULTURAL SCIENCES”

Mongolian Journal of Agricultural Science (MJAS) is a scientific journal which aims to encourage integration of knowledge among those disciplines that underpin agriculture and life sciences, published by the Mongolian University of Life Sciences and Mongolian Academy of Agricultural Sciences.

It is a double-blind peer-reviewed, open-access journal, which welcomes concise papers presenting original research data or methodology in all areas of agricultural science from authors throughout the world.

MJAS is striving to provide the best platform for researchers and scholars worldwide to exchange their latest findings. Authors are encouraged to submit complete, unpublished, original works that are not under review in any other journals.

The journal is published triannually in English and publishes full-length paper, short communications and reviews. The journal is published in both print and online versions.

The scopes of the journal include, but are not limited to, the following fields:

- Animal science, animal husbandry
- Veterinary medicine
- Agricultural economics
- Agricultural engineering and technology
- Agronomy, plant science and breeding, horticulture, plant fertilization, plant protection, soil science, and forestry
- Irrigation and water management
- Aquaculture
- Environmental protection, ecology, and biological resources
- Land use
- Biological engineering, including genetic engineering, biotechnology, and microbiology
- Food science
- Natural sciences connected with sustainable agriculture

Papers' content focuses on scientifically described or ensured experimental outcome observed on internationally accepted methodological approaches to understanding and managing actual interactions within or among agricultural systems. Experiments on animals must conform to the legislation in the country where the experiments were carried out.

All manuscripts are initially screened on their topic suitability and linguistic quality. Authors are fully responsible for the form and content of their papers. Failure to comply with the formal and scientific criteria should result in eventual resubmission or rejection of the manuscript.

This system of refereeing, where anonymity is preserved both for the authors and the referees, has been adopted by the Journal; authors' names, addresses and email from the title of the submitted manuscript, and the acknowledgement section is removed for the refereeing.

Formatting the manuscript:

Manuscript of a scientific paper is prepared in Microsoft Word's docx or .doc format and should be formatted for standard A4 paper. Experimental details and results should be reported in the past tense. The Discussion should draw together the results, briefly relate the author's results to other work on the subject, summarize any implications and applications and give the author's conclusions. All abbreviations used should be fully explained at first mention. Papers should be written in the third person. Too many headings and subheadings should be avoided.

Text:

The main text consists of following sections: Introduction, Materials and Methods, Results, and Discussion.

- Margins: top/bottom 2 cm, left 3 cm, and right 2 cm;
- Font: 11-point Arial;
- Line Spacing: Single-spaced text throughout;
- Paper should have 4-6 pages, including tables and figures;
- Two-column format for the main text and Single-column centered format for the title, authors' name, abstract, table, figure, and diagram;
- All subtitles should be in left alignment and **bold** style

Table & figure:

- Tables are sequentially numbered as the: Table 1, Table 2, etc., and each table is provided with a title, shown above right the table that describes the point of the table. Tables should be centered in the page with 12pt space before and after the paragraph;
- Figures (photos, charts, diagrams etc.) are referred to the text by the sequential figure number, as following: Figure 1, Figure 2, etc., and a title, shown below the figure. Figures are centered in the page with 12pt space before and after the paragraph;
- Figures may not reproduce the same data as Tables and must be cited in the text.
- The symbols preferred are ●○■▲ and△, but + and × should be avoided.
- Color figures are discouraged, however, if you request color figures in the printed version, you will be contacted by Editor's office.

Math formulae and units:

- Mathematical writing should be described in equation program and center-aligned. Leave 12pt space before and after the paragraph;
- Scientific measurements are described according the SI system, e.g. kg/ha, mg/l, g/kg, mg/kg, mg/l, µm/g, ml/l, etc.; m or mm must be used.
- Do not repeat units in lists, e.g. 3, 10, 17 and 30 °C; 20 or 30 % more. Use % after numbers, not per cent, e.g. 7 %.
- Numerical results should be displayed as means with their relevant standard errors and degrees of freedom. Normally a mean should be rounded to one-tenth of its standard error and the standard error given to one place of decimals more than the mean.

Style and Editorial Conventions

- Dates are written as 12 April 1999; from 12 April to 22 May; from 1997 to 1999 or between 1997 and 1999.
- Months are abbreviated to three letters, no stops, when necessary in Figs or Tables, e.g., May, Jun, Sep.
- Avoid numerals at the beginning of a sentence; spell out or change word order, if necessary. Cardinal and ordinal numerals: spell out up to ten, but note e.g. 3rd–5th leaf stage, 6 million

tonnes. Numerals before units, including time, e.g. 3 ha, 5 kg, 30 s (seconds), 20 min, 4 h, 8 days, 6 weeks, 3 months, 2 years.

- Do not use commas in thousands, e.g. 2600, 23 000. Give ranges in full, e.g. 475–489. A zero must always precede a decimal point, e.g. 0.58.

Manuscript structure:

Title:

The title should be informative, concise and should not contain abbreviations.

The first line of the title is located 10 lines with 12pt space from the top of the page. 12 font size, capital letters, bold, centered

Authors' and institutions' name:

A single blank line with 14pt space is left.

The first author is a person who performed the main part of the study, last author is supervisor, and affiliations should be preceded by superscript numbers corresponding to the author list, as 1, 2.

Institutions' name, corresponding address, email address of the first author are centered.

A single 14sp space is left between authors' name, institutions' name, and email address.

Abstract:

The abstract should be written with blank 3 lines 12pt space below the email address.

This a paragraph condensation within 200-250 words of the entire work describing the purpose of the study, hypothesis, approaches (methods), results, and a brief statement of a concluding sentence (discussion) in italic and left-alignment.

It should not repeat the wording of the title.

Keywords:

2 blank lines with 12sp space are left.

A list of up to 5 descriptive single words, which is not included in the title, is to be provided directly below the abstract in italic with left-alignment. Key words should express the precise content of the manuscript, as they are used for indexing purposes.

Introduction:

2 blank lines with 12sp space are left.

The function of an introduction is to present background of the work and the field of research, importance of the subject, and focus of the paper (statement of the purpose, scope). Align the text left.

Methods and material section:

A single blank line with 12sp space is left.

The function of this section is to describe all experimental procedures, used materials and reagents, mathematical equations and statistical tests. Experimental procedures and results are narrated in the past tense, whereas conclusions are given in the present tense aligned left.

Results:

A single blank line with 12sp space is left.

The function of this section is to summarize general trends in the data without comment, bias, or interpretation. Data may be presented in figures and tables, but this may not substitute for a verbal summary of the findings and not be repeated. The text should be understandable and aligned left.

Discussion:

A single blank line with 12sp space is left.

The function of this section is to analyze the data or evaluate the meaning of the results in terms of the original question, pointing out the significance and relate or compare them to other studies. Set the text left aligned.

Conclusions:

A single line with 12sp space is left.

It should be concise and clear based on results, left aligned.

Acknowledgements:

A single blank line with 12sp space is left.

Left aligned gratitude for those, who have supported running this study.

References or Literature cited:

A single blank line with 12sp space is left.

Reference list entries should be listed alphabetically by the last names of the first author of each work aligned left.

References in the text should be written only by the number corresponding to the bibliographic list, marked by square brackets [1].

Personal communications and unpublished works should only be mentioned in the text. Journal names and book titles should be italicized.

Reference list sample

- Journal article:

Harris, M., Karper, E., Stacks, G., Hoffman, D., DeNiro, R., Cruz, P., et al. (2001). Writing labs and the Hollywood connection. *Journal of Film Writing*, 44(3), 213–245.

Inoue M (1990) Prevention of spider mite dispersal with creased vinyl. *Jpn J Appl Entomol Zool* 34, 49–53 (in Japanese with English summary)

- Article by DOI:

Slifka, M. K., & Whitton, J. L. (2000) Clinical implications of dysregulated cytokine production. *Journal of Molecular Medicine*, doi:10.1007/s001090000086

- Book:

Calfee, R. C., & Valencia, R. R. (1991). *APA guide to preparing manuscripts for journal publication*. Washington, DC: American Psychological Association.

- Book chapter:

O'Neil, J. M., & Egan, J. (1992). Men's and women's gender role journeys: Metaphor for healing, transition, and transformation. In B. R. Wainrib (Ed.), *Gender issues across the life cycle* (pp. 107–123). New York: Springer.

- Online document:

Dell, M. L., Greenberg, W., Lomax, J., Peteet, J., Torres, M., & Cowell, V. (2006). *Religious/spiritual commitments and psychiatric practice*. Resource document. American Psychiatric Association. http://www.psych.org/edu/other_res/lib_archives/archives/200604.pdf. Accessed 25 June 2007.

- Dissertation:

Trent JW (1975) Experimental acute renal failure. Dissertation, University of California

Name of animals, plants, and microorganisms is written fully, and then subsequently can be the abbreviated, for instant, it is written fully as the *Oropsylla silantiewi*, and then can be abbreviated as the *O.silantiewi*. Latin names should be in *italic*.

- Photos, charts, diagrams should be submitted in black and white high contrast with its explanation. Acceptable formats for images are TIF, JPEG, or GIF files.

Types of submission

The *Mongolian Journal of Agricultural Sciences* welcomes all scientific contributions to the journal in an effort to accommodate the vast array of needs and interests. All manuscripts are subject to review by the Editor, Associate Editors, and Invited Referees. Acceptance is based on the originality, significance, and validity of the material presented.

The journal accepts the range of manuscript types: Original paper, Communication, and Review article.

Original paper (up to 8,500 words) *or Regular paper* should report the results of original research, which is the most common type of journal manuscript. The material should not have been published previously elsewhere. It includes full Introduction, Materials and Methods, Results, and Discussion sections within 4-6 pages.

Communication (up to 500 words) is a concise, but complete description of an investigation and should be completely documented by reference and detail of the experimental procedures employed in one page, as a regular paper.

Review (up to 8,500 words) *article* provide a comprehensive summary of research on a particular discipline. Review paper is written after invitation from the editors of a journal in up to 8 pages and commonly cites approximately 50 primary research articles.

Manuscript Submission

Submission of a manuscript implies that the work described has not been published before; that it is not under consideration for publication anywhere else; that its publication has been approved by all coauthors, if any, as well as by the responsible authorities – tacitly or explicitly – at the institute where the work has been carried out. The publisher will not be held legally responsible should there be any claims for compensation.

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Language

Use American English spelling throughout and follow Merriam Webster's Collegiate Dictionary and the *CAB Thesaurus* for scientific terms. Authors are requested that their manuscripts checked by an English language native speaker before submission; this will ensure that submissions are judged at peer review exclusively on academic merit. Manuscripts that do not conform to the requirements mentioned below may be returned to the author(s) for modification.

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