



INSTRUCTION FOR AUTHORS

International Journal of Agronomy and Agricultural Research (IJAAR) publish high-quality original research papers together with review articles and short-communications. It publishes original scientific work in all areas of Agronomy and Agricultural sciences. The scopes of the journal include, but not limited to, the following topic areas: Agricultural science, Agronomy, Crop science, Crop physiology, Horticulture, Floriculture, Plant protection, Breeding, Genetics, Pathology, Pharmacy, Soil sciences, Environmental sciences, Animal sciences, Applied Botany & Zoology, Forestry, Marine lives & Utilization science of Agricultural resources, Food processing & Preservation, Fibre production & improvement.

Submission of a manuscript to 'IJAAR' implies that it is not under consideration by any other journal, and any part has been published elsewhere, with the exception of a short abstract.

Guidelines for manuscript

Manuscripts should be typewritten on an A4 sheet having '1.5' line-spacing throughout the text. The margins should be 2.54 cm (1 inch) in all sides and page number should be should be consecutively on the bottom of the page. The manuscript should be written in Arial style using '12' font size.

For original research paper, the manuscript should be arranged in the following order: title page, Abstract, keywords, Introduction, Materials and methods, Results, Discussion (this section may be combined with results), Acknowledgements, References, Tables with legends, figures with legends and supplementary material (if applicable).

The **Title page** should contain the title, the name(s) of the author(s), the name(s) and address(es) of the institution(s) where the work was carried out, including a valid e-mail address for the corresponding author along with telephone and fax numbers. The Title of the manuscript should be specific and concise but sufficiently informative.

The **Abstract** should not exceed '250' words and it should contain brief summary of findings and conclusions of the study.

Authors should include no more than five **Key words** for their article.

Abbreviation should be given in the text for long chemical names or other biological terms on the first mention (e.g. DNA, PCR). The author may get assistance for the abbreviation in the following website: <http://www.biochemj.org/bj/bji2a.htm#abbrev>

Scientific Names should be complete and italics (genus, species, and authority, and cultivar where appropriate) for every organism at the first mention. The generic name can be abbreviated from second times.

Units of measurement for this journal should be metric system.

Nomenclature for genes and proteins must follow international standards. All gene symbol and loci should be in italics and capital. All chemical, biochemical, and molecular biology nomenclature should be followed by IUBMB recommendation (<http://www.chem.qmul.ac.uk/iubmb>). Database for gene or protein sequence or others should be given reference according to EMBL; Gen-Bank, or the Protein Data Bank.

Tables should be placed at the end of the manuscript and should be numbered in Arabic numerals with a concise and descriptive legend at the head. They should be cited in the text where necessary.

Figures should be clear, informative and placed at the end of manuscript. Each figure should be clearly labelled using Arabic numbers with precise legends. Figure should be referred to in the text (e.g. Fig. 1. or Fig. 1A.). The minimum resolution for the figures should be 300dpi (dots per inch).

Statistical analysis is to be done if necessary. Biological data without statistical analysis cannot be accepted.

References should be accurate and descriptive. Citation of the reference must be accurate and relevant (For example: Peter, 2008, Alam and Kabir, 2002 or Thomas *et al.*, 2010). In the list, references must be placed in alphabetical order without serial numbering. Only papers published or in press should be cited in the literature list. Citation of references should be followed like below:

Flor H. 1971. Current status of the gene-for-gene concept. Annual Review of Phytopathology **9**, 257- 296.

Bari R, Jones JD. 2009. Role of plant hormones in plant defence responses. Plant Molecular Biology **69**, 473- 488.

Gachon CM, Langlois-Meurinne M, Saindrenan P. 2005. Plant secondary metabolism glycosyltransferases: The emerging functional analysis. Trends in Plant Science **10**, 542-549.

Huynh BL. 2008. Genetic characterization and QTL mapping for grain fructan in wheat (*Triticum aestivum* L.). PhD thesis, University of Adelaide, Australia, 17-35.

Jiang Q, Gresshoff PM. 1993. *Lotus japonicus* L: A model plant for structure-function analysis in nodulation and nitrogen fixation. In: Gresshoff PM, Ed. Current topics of plant molecular biology, Vol. II. Boca Raton, FL: CRC Press, 97-110.

Rose JKC, Catala C, Gonzalez-Carranza CZH, Roberts JA. 2003. Plant cell wall disassembly. In: Rose JKC, Ed. The plant cell wall. Oxford, UK: Blackwell Publishing Ltd., 264- 324.

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