

JOURNAL OF SCIENCE AND TECHNOLOGY

Description

The Journal of Science and Technology (ISSN 1994-0386 (Print), 2959-3239 (Online)) is an official journal of Hajee Mohammad Danesh Science and Technology University. The journal has an international scope with broad constituency of scientists in the agricultural sciences, basic, engineering, business studies, basic sciences and humanities, and annually publishes original articles, review papers and technical notes. A number of editorial members guide manuscripts through the review process and properly formatted papers are accepted for publication. Authors from all concerns of science and technology are requested to submit manuscripts for publication to this journal. We ensure speedy responses to authors and rapid publication, with all papers being reviewed by at least two independent referees.

Instructions for Authors

Manuscript preparation Language: English

Spelling: The Journal uses UK spelling.

Units: All measurements must be given in SI or SI-derived units.

Abbreviations: Initially use the word in full, followed by the abbreviation in parentheses. Thereafter use the abbreviation only.

Scientific name: All papers must conform to the latest edition of the International Code of Botanical/ Zoological Nomenclature. Upon its first use in the title, abstract and text, the common name of a species should be followed by the scientific name (genus, species and authority) in parentheses. Genus names should not be abbreviated at the beginning of paragraphs.

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Manuscripts should be written in the following order: title page, abstract and key words, text, acknowledgements (if any), references, appendices (if any), figure and legends, tables (each table completes with title and footnotes).

Title page: The title page should contain - the title of the paper, the full names and addresses of the authors. The full name, designation, postal and email address plus telephone number of the correspondent for the manuscript should be sent. The corresponding author must be marked by putting asterisk (*) on his last name.

Title: The title should be short, informative and written in block letters. Abbreviations should not be used in the title. Example-

EVALUATION OF PHOTOSYNTHETIC POTENTIAL OF WHEAT GENOTYPES UNDER DROUGHT CONDITION

Authors and affiliation: Include names of all authors, given first and middle initial (if any) and full family name (last name). Example-

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Running title: A short running title (less than 50 characters) should also be provided. Example- Photosynthetic response of wheat to drought

Abstract: All articles must have a brief abstract that states in 250 words or fewer. The abstract must contain objective, basic procedures, main findings and principal conclusions of the study. The abstract should not contain abbreviations or references.

Key words: Four to eight key words should be supplied below the abstract. Example- Aging, fitness, sexual selection. Arrange in alphabetical order.

Text: Authors should use the following sub-headings to divide the sections of their manuscript: Introduction, Materials and Methods/Methodology, Results and Discussion.

Format for text and citations: Doc format, Times New Roman font, 12 point, double space, separate paragraphs with a space, left justify the text and no page breaks. The authors should use block letters and bold style for titles of major sections (Abstract, Introduction, Materials and Methods/Methodology, Results and Discussion, Conclusion, Acknowledgements (if any) and References) and sub sections within major sections. The Methods and Results should be written in the past tense e.g. Percentage of protein in the cotton plant was determined by modified Kjeldahl method. The reference to tables and figures should be written in the present tense e.g. the data are shown in Table 1. The passive voice should be used but there are times when the active voice is more appropriate e.g. Figure 1 shows the results.

Therefore, the manuscript should be typed with 2.5cm margins in all sides in A4 (21.0×29.7cm) offset papers. A manuscript for full paper should not exceed 12 typed pages including Figures, Graphs and Tables. In case of short communication, total typed page should be 6 (Six).

Acknowledgments: The source of financial grants and other funding may be acknowledged, including a frank declaration of the authors' industrial links and affiliations. The contribution of colleagues or institutions should also be acknowledged. Personal thanks and thanks to anonymous reviewers are not appropriate.

References in the text: Literature citations in the text should indicate the author's surname (last name) with the year of publication in parentheses e.g. Rahman (2000). If there are two authors, 'and' must be used between the two names e.g. Rahman and Khan (2006). When reference is made to a work by more than two authors, the first name followed by et al. should be used e.g. Roy *et al.* (2005). If there is more than one work by the same authors in the same year are cited, they should be distinguished by the letters a, b, c, etc.

Reference list: All references cited in the text, tables or figures must be listed in ascending alphabetical order.

The title of the work and name of the journal should be written in full. Examples of reference style are given below:

Journals

Evans LT and Dunstone RL. 1970. Some physiological aspects of evolution in wheat. Australian Journal of Biological Sciences. 23:725-741.

Zalucki MP, Clarke AR and Malcolm SB. 2002. Ecology and behavior of first instar larval Lepidoptera. Annual Review of Entomology. 47: 361-393.

Books

Roff DA. 1992. The Evolution of Life Histories: Theory and Analysis. Chapman and Hall, New York, USA. pp.339-343.

Wratten SD and Fry GIA. 1996. Field and Laboratory Exercises in Ecology. Edward Arnold, London, UK. pp. 98-103.

Chapter in a book

Dimetry NZ. 1988. Orientation to light by the lady bird beetle. In: Ecology and effectiveness of Aphidophaga (Ed. Niemczyk E and Dixon AFG). SPG Academic Publication, The Hague, The Netherlands, pp. 135- 140.

Proceedings

Cunningham JP, Moore CJ, Zalucki MP and Cribb BW. 2004. Insect odour perception: recognition of odour components by flower foraging moths. Proceedings of the Royal Society of London B Biological Sciences. 273: 2035–2040

Wittstock U, Agerbirk N, Stauber EJ, Olsen CE and Hippler M. 2004. Successful herbivore attack due to metabolic diversion of a plant chemical defense. Proceedings of the National Academy of Sciences of the USA. 101: 4859–4864.

Website

R Development Core Team. 2005. R: A Language and Environment for Statistical Computing: R Foundation for Statistical Computing. <http://www.R-project.org>

Fields Development Team. 2006. Fields: tools for spatial data. National Center for Atmospheric Research, Boulder, CO. URL <http://www.cgd.ucar.edu/Software/Fields>

Tables and figures: Tables and figures should be made in Excel and must be included at the end of the text.

Tables: Tables should be self-contained and complement and numbering should be made consecutively in the text in Arabic numerals. Each table should be set on a separate sheet with a concise legend above. The table legend and footnotes must be understandable without reference to the text. Statistical measures such as SD or SE should be identified in the headings. Example-

Table 1. Offspring production (mean \pm SD) and sex ratio of *M. acastareared* on *B. terrestris* with different Foundresses

Foundress number	Offspring		Sex ratio
	Male	Female	
1	8.9 \pm 3.09 c	295.1 \pm 103.76 c	0.0308 \pm 0.0095
2	17.45 \pm 8.14 b	549.6 \pm 173.11 ab	0.0303 \pm 0.0086
3	22.75 \pm 7.77 ab	673.65 \pm 224.96 b	0.0337 \pm 0.0112
4	39.15 \pm 18.97 a	1023.7 \pm 393.46 a	0.0366 \pm 0.0119

Means within a column followed by same letter(s) are not significantly different by Tukey H.S.D. post hoc test ($p \leq 0.05$)

Figures: All line drawings and photographs are considered as figures. Figures should be cited in consecutive order in the text. Figures should be sized to fit within the column (80 mm) or the full text width (169 mm). Line figures should be supplied as sharp, black and white graphs or diagrams. Figure legends should be concise and the figure and its legend must be understandable without reference to the text. Example-

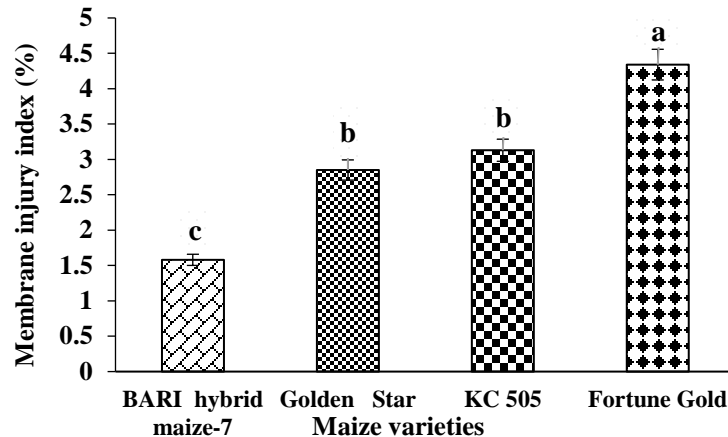


Figure 1. Membrane injury index (mean \pm SD) of four maize varieties under water deficit stress condition. Bars having different letter(s) are significantly different by Tukey H.S.D. post hoc test ($p \leq 0.05$).

Submission procedure

Authors are requested to submit new manuscripts to the editor as e-mail attachment (s) or hard copy in triplicate (after acceptance must submit soft copy).

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With a view to rapid review process authors are requested to send name and full postal address (including e-mail and telephone number) of seven persons.

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Papers are accepted for publication in the Journal of Science and Technology on the understanding that the content has not been published or submitted for publication elsewhere except as a brief abstract in the proceedings of a scientific meeting or symposium. This must be stated in the covering letter. The covering letter must also contain an acknowledgment that all authors have contributed significantly, and that all authors are in agreement with the content of the manuscript.

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