Horticulture, Environment, and Biotechnology (HEB)

1. Aims and Scope

Horticulture, Environment, and Biotechnology (HEB) is the official journal of the Korean Society for Horticultural Science (KSHS), was launched in 1965 as the "Journal of Korean Society for Horticultural Science".

HEB is an international journal, published in English, bimonthly on the last day of even number months, and indexed in Biosys Preview, SCIE, and CABI. Also, we strive to identify manuscripts that are going to receive high enough priority based on the scientific novelty and impact needed to publish in HEB.

The journal is devoted for the publication of original research papers and review articles related to vegetables, fruits, ornamental and herbal plants, and covers all aspects of physiology, molecular biology, biotechnology, protected cultivation, postharvest technology, and research in plants related to environment.

2. Publication Policy Overview

2.1 Publication Fee

The author(s) must pay a publication fee $450 (U.S. Dollars) or KRW 450,000 per article. The charge is for the HEB’s sponsoring scientific societies (KSHS) providing editorial process. Quotations will be sent with a decision of acceptance. Unpaid articles will not be published on the Online First site of HEB.

2.2 Publication Polices

1) Manuscript Submission

Manuscripts should be submitted online through our website (http://www.editorialmanager.com/heab/default.aspx) and should be submitted by the corresponding author along with a cover letter declaring the “The authors have no conflicting interests, and all authors have approved the manuscript and agree with its submission to the journal Horticulture, Environment, and Biotechnology (HEB)”. The manuscript should be prepared strictly according to the HEB format as provided in the ‘Instructions to Authors’. Membership in the society is not a requirement for publication, but authors are urged to consider becoming a member.

HEB accepts manuscripts which were deposited on non-commercial pre-print servers like bioRxiv.

In general, review articles are invited by the Field Editors. Potential new authors should contact the Field Editor first. Please provide a short outline (one or two pages) and the complete author list of the proposed review. The general instructions for authors should be used for all technical aspects of manuscript preparation.

For editors and reviewers to accurately assess the work presented in your manuscript you need to ensure the English language is of sufficient quality to be understood. If
authors are non-native speakers of English, the manuscript must be edited by a native English speaker prior to submission, preferably one with a specialized knowledge of editing for plant science. The editor of HEB would request the certificate of English editing signed by a specializing native English speaker with the decision of “revise without review” after submission.

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3) Online Submission
Please follow the hyperlink “Submit online” on the right and upload all of your manuscript files following the instructions given on the screen. (http://www.editorialmanager.com/heab/default.aspx)

2.3 Review Policy and Procedure
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Submitted manuscripts are reviewed by invited reviewers. Reviewed manuscripts are sent back to the corresponding author along with comments from reviewers. Some revision is usually necessary after the reviews, and final acceptance generally depends on extent of revision. In submitting revised manuscripts, authors are requested to submit explanations on how the revisions were made and the reason why they do not agree with the reviewers for those points on which they have no revision. A manuscript is considered withdrawn, if the author has not responded in 3 months to a request for revision. The corresponding authors will be notified for acceptance.

HEB provides an additional step of English polishing to all accepted manuscripts before getting final acceptance by the Editor in Chief. English editors of HEB will provide English revisions free of charge so that the authors should upload the final revised version of the manuscript after correction.

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Upon acceptance of your article you will receive a link to the special Author Query Application at Springer’s web page where you can sign the Copyright Transfer Statement online and indicate whether you wish to order OpenChoice, offprints, or printing of figures in color. Once the Author Query Application has been completed, your article will be processed and you will receive the proofs.
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   Online publication of color illustrations is free of charge. For color in the print version, authors will be expected to make a contribution towards the extra costs.

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   The purpose of the proof is to check for typesetting or conversion errors and the completeness and accuracy of the text, tables and figures. Substantial changes in content, e.g., new results, corrected values, title and authorship, are not allowed without the approval of Editor-in-Chief. After online publication, further changes can only be made in the form of an Erratum, which will be hyperlinked to the article.

4) **Online First**
   The article will be published online after receipt of the corrected proofs. This is the official first publication citable with the DOI. After release of the printed version, the paper can also be cited by issue and page numbers.

2.4 **Compliance with Ethical Standards**
   To ensure objectivity and transparency in research and to ensure that accepted principles of ethical and professional conduct have been followed, authors should include information regarding sources of funding, potential conflicts of interest (financial or non-financial), informed consent if the research involved human participants, and a statement on welfare of animals if the research involved animals.
   Authors should include the following statements (if applicable) in a separate section entitled “Compliance with Ethical Standards” when submitting a paper:
   - Disclosure of potential conflicts of interest
   - Research involving Human Participants and/or Animals
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   - If there are no ethical issues, the authors can declare that they have no conflict of interest

   The corresponding author should be prepared to collect documentation of compliance with ethical standards and send if requested during peer review or after publication.
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   The HEB recommends that authorship be based on the following 4 criteria:
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   - Drafting the work or revising it critically for important intellectual content; AND
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3. **Manuscript Organization**
   Manuscript should be arranged in the following order.

### 3.1 Research report
- Title page
- Abstract
- Keywords
- Introduction
- Materials and methods
- Results
- Discussion (or Results and Discussion)
- Conclusion (optional)
- Supplementary data (optional)
- Author contribution statement
- Acknowledgements
- Compliance with ethical standards (e.g. Conflict of interest)
- Data availability (optional)
- References
- Tables, figure legends, and figures (Each table and figure should be presented on separate page)

### 3.2 Review
- Title page
- Abstract
- Keywords
- Introduction
- Sub-title
- Conclusion
- Supplementary data (optional)
- Author contribution statement
- Acknowledgements
- Compliance with ethical standards (e.g. Conflict of interest)
- References
- Tables, figure legends, and figures
4. Manuscript preparation

4.1 Text formatting

- Manuscripts including tables and figures, 1.5 spaced in a MS Word docx format (Word 2007 or higher) or doc format (older Word versions). Use a normal, plain font (e.g., 11-point Times New Roman) for text.
- All pages must be numbered consecutively and all lines also must be numbered consecutively from the title page. Use a single column format in page layout.
- Abbreviations should be defined at first mention and used consistently thereafter.
- The journal requires the use of the metric system, preferentially SI units, and centered period between units (e.g. mg L⁻¹).
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Upload a cover letter as a separate file in the online system. The cover letter should include the following information;

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- Summarize the study’s contribution to the scientific literature.
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- No part of the manuscript has been published before, nor is any part of it under consideration for publication at another journal.
- There are no conflicts of interest to disclose.
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The Abstract should be a concise summation of the objectives, materials used, major treatments, results and conclusions written in a paragraph. Abstract must not exceed 5% of the length of the paper (usually 150 to 250 words). Use a chemical name followed by a common name in parenthesis when first mentioned, and then use the common name thereafter. The Abstract should not contain any undefined abbreviations or unspecified references.

4.5 Keywords
Provide 5 to 6 key words, which are capitalized the first letter with an alphabetical order. Common species name(s), chemical name(s), physiological or pathological term(s), and genetic term(s) can be used.

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The introduction should provide the necessary background information for the average reader; it should be both complete and concise. Previous publications that form a basis for the work presented must be cited.

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In the Materials and Methods section, the experimental procedures should be described in sufficient detail that they could be followed by other researchers in the field. This section should be made as concise as possible by reference to procedures that have already been published, unless the method used here was greatly modified. Scientific names of species and cultivar names used must be included regardless of their appearance in Abstract or Introduction. Sizes, quantities, and suppliers of materials must be indicated, preferentially in common names. Treatments, experimental design, and statistical method must be explained in detail. Commonly known methods or analyses may be briefly explained by citing relevant references.

4.8 Results
The Results section contains the results of research given in detail, with tables and figures as needed. Results that can be expressed easily in the text should not be given in the form of tables or figures.

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The Discussion section should not contain a repeat of the results, but should explain the meaning of the findings and the authors' conclusions, together with a discussion of any contradiction of already published reports. The discussion section can be merged to the result section.

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Link the conclusions with the goals of the study but avoid unqualified statements and conclusions not adequately supported by the data. Avoid claiming priority or alluding to work that has not been completed.

4.11 Supplementary data

Authors can submit essential supporting files and multimedia files along with their manuscripts. Supplementary data files are published exactly as provided for online-only publication. All supplementary data will be subject to review.

Authors may use almost any description as the item name for a supporting information file as long as it contains an “S” and number. For example, “Supplementary Table S1”, “Supplementary Fig. S1”, and so on. In on-line submission system, you would be required the file number and name with a caption. We recommend that you cite supporting information in the manuscript text.

The supplementary data section should immediately follow the discussion and you would indicate that supplementary data are available at HEB online.

4.12 Author contribution statement

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Note by the editor:
Please be aware that changes to the list of authors are not possible after final acceptance of the manuscript.

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To ensure objectivity and transparency in research and to ensure that accepted principles of ethical and professional conduct have been followed, authors should include information regarding sources of funding, potential conflicts of interest (financial or non-financial), informed consent if the research involved human participants, and a statement on welfare of animals if the research involved animals.

Authors should include the following statements (if applicable) in a separate section entitled “Compliance with Ethical Standards” when submitting a paper:

• Disclosure of potential conflicts of interest
• Research involving Human Participants and/or Animals
• Informed consent

Please note that standards could vary slightly per journal dependent on their review policies as well as per journal subject discipline. Before submitting your article check the instructions following this section carefully.

The corresponding author should be prepared to collect documentation of compliance with ethical standards and send if requested during review or after publication.

The Editors reserve the right to reject manuscripts that do not comply with the above-mentioned guidelines. The author will be held responsible for false statements or failure to fulfill the above-mentioned guidelines.

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Authors must disclose all relationships or interests that could have direct or potential influence or impart bias on the work. Although an author may not feel there is any conflict, disclosure of relationships and interests provides a more complete and transparent process, leading to an accurate and objective assessment of the work. Awareness of a real or perceived conflicts of interest is a perspective to which the readers are entitled. This is not meant to imply that a financial relationship with an organization that sponsored the research or compensation received for consultancy work is inappropriate. Examples of potential conflicts of interests that are directly or indirectly related to the research may include but are not limited to the following:

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When reporting studies that involve human participants, authors should include a statement that the studies have been approved by the appropriate institutional and/or national research ethics committee and have been performed in accordance with the ethical standards as laid down in the 1964 Declaration of Helsinki and its later amendments or comparable ethical standards.

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A submission to the journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any researcher wishing to use them for non-commercial purposes, without breaching participant confidentiality.

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2) The datasets generated during and/or analysed during the current study are not publicly available due [REASON WHY DATA ARE NOT PUBLIC] but are available from the corresponding author on reasonable request.
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4.16 References

1) Citation

Cite references in the text by name and year in parentheses. Some examples:
• Negotiation research spans many disciplines (Thompson 1990).
• This result was later contradicted by Becker and Seligman (1996).
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d. **Book chapter**

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   - All tables are to be numbered using Arabic numerals.
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- Each figure should have a concise caption describing accurately what the figure depicts. Include the captions in the text file of the manuscript, not in the figure file.
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- No punctuation is to be included after the number, nor is any punctuation to be placed at the end of the caption.
- Identify all elements found in the figure in the figure caption; and use boxes, circles, etc., as coordinate points in graphs.
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