

## Review Form 1.7

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|--------------------------|--|
| Journal Name:            | Asian Journal of Agricultural and Horticultural Research   |
| Manuscript Number:       | Ms_AJAHR_101682  |
| Title of the Manuscript: | USE OF SOMATIC EMBRYOGENESIS AS AN EFFECTIVE APPROACH FOR DEVELOPING NEW STRAINS OF HEIRLOOM FOREIGN CARROT (DAUCUS CAROTA L.) CULTIVARS TO PRODUCE BOLTING-TOLERANT CULTIVARS UNDER EGYPTIAN CONDITIONS |
| Type of the Article      |  |

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajahr.com/index.php/AJAHR/editorial-policy> )

### PART 1: Review Comments

|  | Reviewer's comment  | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--|---|---|
| <p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p> | <p>Yes, The manuscript focuses on strain improvement through embryogenesis. It is an important research area to develop new strains and procedures for future agriculture.</p> <p>The title is suitable but need to be restructured using precise words and avoidance of repetition of some words</p> <p>The abstract of the article need to be restructured. It should be rewritten to precisely and concisely provide the idea of the experiment and its outcome and future prospectus. It is having some sentences not exactly describing the research work.</p> <p>The subsection explaining the methodology need to be rewritten so as to give precise idea about the experiments by use of appropriate words.</p> <p>The mention of size of embryos (in mm) in the initial part (based on which the counting of embryos is done) and at the end where there is mention about the size of mature embryo does not match. The difference is very large in the two values making the whole description and experiment scientifically incorrect and need to be expressly reviewed and appropriately revised.</p> <p>There are few incomplete references, which need to be corrected. Otherwise, the references are appropriate.</p> <p>The discussion part as well as conclusion part does not have any mention about how the experiments conducted are related with the cited research papers. This section need to be revised with clear mention about the outcome of experiments conducted and their relevance to the cited references.</p> |   |
| <p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>   | <p>The lengthy sentences and repetitive words found at many places as well as major spelling mistakes found at two places need to be corrected.</p>   |   |
| <p><b>Optional/General</b> comments</p>  | <p>The use of SEM and its outcome in this research work, with appropriate references need to be elaborated.</p>   |   |

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**PART 2:**

|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

**Reviewer Details:**

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|----------------------------------|-------------------------------|
| Name:                            | <b>Amit Ashok Chhatre</b>     |
| Department, University & Country | <b>MAEER's MITVGHS, India</b> |