

Review Form 3

| | |
|--------------------------|--|
| Journal Name: | Journal of Advances in Biology & Biotechnology |
| Manuscript Number: | Ms_JABB_127568 |
| Title of the Manuscript: | Response of seed priming to varied levels of salinity in safflower |
| Type of the Article | Original Research Article |

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

PART 1: Comments

| | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|--|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | This manuscript holds significant importance for the scientific community as it provides a comprehensive analysis of seed priming technologies to enhance seed quality and physiological attributes under salinity stress, a critical challenge in agriculture. By demonstrating that treatments with KCl and salicylic acid significantly improve germination rates, seedling vigor, and growth parameters in safflower, the study offers practical insights into sustainable crop management in saline environments. These findings can guide future research on seed priming and support agricultural practices to improve crop resilience, productivity, and resource-use efficiency, particularly in regions affected by soil salinity. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | It is suitable but I suggest new one Effect of Seed Priming on Safflower Growth Under Varying Salinity Levels | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | comprehensive | |
| Is the manuscript scientifically, correct? Please write here. | Yes correct | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Sufficient | |
| Is the language/English quality of the article suitable for scholarly communications? | Language is suitable | |
| <u>Optional/General</u> comments | | |

PART 2:

| | Reviewer's comment | Author's comment <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> |
|--|--|--|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

| | |
|----------------------------------|-----------------------------------|
| Name: | Zakir Hussain Malik |
| Department, University & Country | Silapathar Science College, India |