

## Review Form 1.7

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|--------------------------|------------------------------------------------------------------|
| Journal Name:            | <b>International Journal of Plant &amp; Soil Science</b>         |
| Manuscript Number:       | <b>Ms_IJPSS_95385</b>                                            |
| Title of the Manuscript: | <b>A Review - Approaches to combat salt stress in wheat crop</b> |
| 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.journalijpss.com/index.php/IJPSS/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>1. <b>The manuscript is worthwhile for the scientific community particularly in improving wheat production under conditions of salt stress.</b></p> <p>2. <b>The title is suitable</b></p> <p>3. <b>The abstract is fairly comprehensive</b></p> <p>4. <b>The structure is appropriate, but some guide line of this journal was not followed appropriately.</b></p> <p>5. <b>The manuscript is scientifically correct, but some corrections should be made.</b></p> <p>6. <b>References are sufficient, but this manuscript does not follow the style recommended by this journal.</b></p> <p>I would like to add some suggestions to the author (s) to make the manuscript easier for the reader:</p> <p>a. In the last sentence of the introduction section, the author should clearly add "the effect of salinity on nutrient uptake, seed germination, " before providing the mechanism of salt tolerance.</p> <p>b. If it is available, I would suggest adding a chemical reaction showing phenolic compounds' role in neutralizing free radicals.</p> <p>c. In cellular signalling, I would suggest the author add a more detailed mechanism that eventually makes the plants alter metabolism which favours salt tolerance</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>Since a lot of grammatical/spelling errors were found, I would suggest the author check this manuscript using a grammar checker</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                               |
| <p><b>Optional/General</b> comments</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                               |

### PART 2:

|                                                            | 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>Are there ethical issues in this manuscript?</b></p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> |                                                                                                                                                                               |

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**Reviewer Details:**

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Name:                            | <b>I Gede Ketut Adiputra</b>                    |
| Department, University & Country | <b>University of Hindu Indonesia, Indonesia</b> |