

Review Form 1.7

| | |
|--------------------------|--|
| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_102669 |
| Title of the Manuscript: | Grouping of disease resistant sorghum genotypes based on cluster analysis multivariate tool |
| Type of the Article | Original Research 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.journalijecc.com/index.php/IJECC/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) |
|---|---|---|
| Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u> | Yes, the manuscript is important as it implies the use of statistical tool (cluster analysis) for the grouping and identifying disease resistant varieties. This method could be employed in other related studies also. Yes Yes, but it shall include keywords too. Yes Yes, but to a limited extent. The author has described the pathological symptoms of the diseases but no mention of figures or photographs. Mere describing the symptomatology without photographs is of little importance in plant pathology. Also how the statistical method used in the study is more superior/relevant for grouping must be highlighted. References are very few and also incomplete. It is hereby advised to add and rectify the references. Some references written in main text are not mentioned in references section and vice versa. | |
| Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications? | Yes, the language is appropriate for scientific communication. | |
| Optional/General comments | Other corrections are mentioned in the original manuscript. | |

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

Review Form 1.7

Reviewer Details:

| | |
|----------------------------------|---|
| Name: | Kartik Uniyal |
| Department, University & Country | Sardar Bhagwan Singh University, India |