

### Review Form 3

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_121311</b>
Title of the Manuscript:	<b>G × E interactions and stability analysis for grain yield, its component traits and quality parameters in finger millet [Eleusine coracana (L.) Gaertn.]</b>
Type of the 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:

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	<b>Finger millet proteins are gluten-free and have a favorable amino acid profile. Levels of methionine, an essential amino acid often lacking in starchy diets, are twofold higher in finger millet than in maize and rice. Genotypic stability is an important aspect of the analysis of GXE-interaction. Its importance to plant breeders is immense.</b>	
Is the title of the article suitable? (If not please suggest an alternative title)	<b>Accept as such</b>	
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.	<b>Abstract is as per the article i.e. – Please Italic</b>	
Are subsections and structure of the manuscript appropriate?	<b>Yes</b>	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<b>Finger millet is an important cereal because of its excellent storage properties and the nutritive value of the grains. Identifying a phenotypically stable variety is particularly important from the point of view of increasing agricultural production. It is observed that the relative performance of genotype to give the same response in different environments is a definite indication of genotype-environment (G XE) interaction. The differential response of genotypes in different environments is termed as GXE-interaction. They are aware of the problems caused by GE-interactions.</b>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	<b>Please add some recent references. Like- Yadav, R. K., Joshi, R. P., Mandia, M. K., Asati, R., Sharma, K. K., Choubey, A., &amp; Banoriya, R. (2023). Genetic Variability of Finger Millet (<i>Eleusine coracana</i> (L.) Gaertn) Genotypes on Agro-Morphological Traits. <i>International Journal of Bio-resource and Stress Management</i>, 14(9), 1278-1283.</b>	
<b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	<b>Good/ suitable</b>	
<b>Optional/General</b> comments	<b>Please add some recent references.</b>	

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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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