



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	Ms_AJRIB_61455
Title of the Manuscript:	Screening of chickpea germplasm for growth and yield related traits under agro-climatic conditions of Thal
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:

(<http://www.sciencedomain.org/journal/10/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	<ol style="list-style-type: none"> 1. In abstract you have mentioned about D2 Statistics but nowhere in the manuscript I have seen D square analysis. You have given only descriptive statistics. Clarify it. 2. Include ANOVA table containing Mean sum of square, F values, Standard error of mean and Critical difference for each variable. 3. Explain the Table 2 properly. For an example, which variable contribute more for the different PCs. 4. In table 2, instead of keeping loadings for all the PCs you should keep only those PCs which Eigen values are more than one. 5. The CV values in Table 1 are not accurate. Check the calculation and rectify it. 6. In table 4 include the cluster range and variance. 7. Keep the name of the variable uniform throughout the manuscript. For an example the variable 100-SW is different in biplot where you have indicate it as X100-SW. rectify it. 8. Instead of giving 3 biplot you can keep only one biplot (PC1 vs PC2) and explain it properly. 9. Citations in the manuscript is not indicated by the reference number in brackets [1]. 10. In reference publication year are not in appropriate position. publication year should be after the journal name. 11. Use numbering in reference 12. You should List the first six authors followed by et al which you have not followed in some reference(for an example :Varshney, R.K) 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. Calculate intra and inter cluster distance to describe the divergence. 2. Use high resolution dendogram. (If you save the output in .TIFF format you will get better resolution) and also increase the font size. 	
Optional/General comments	<ol style="list-style-type: none"> 1. In cluster analysis use gap statistics to identify the optimum number of cluster. 2. Use levene's test of homogeneity among the cluster. 	

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?	(If yes, Kindly please write down the ethical issues here in details)	



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Reviewer Details:

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