

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_95459</b>
Title of the Manuscript:	<b>GENETIC VARIABILITY PARAMETERS AND CHARACTER ASSOCIATIONS AMONG YIELD ATTRIBUTING TRAITS IN ADVANCED BACKCROSS LINES OF GROUNDNUT</b>
Type of the Article	<b>Original Research Article</b>

### **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> )

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### 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. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The title of the manuscript was important for society community but the report did not answer the research statement of problem. The title had industrial relevance. The abstract of the article was not comprehensive because it did not properly illustrate the degree of character and genetic variabilities.</p> <p>There were No appropriate subsections in the methodology; i. Research Area of Study, ii. Sample collection, iii. Seed propagation, iv. Morphological characterization, v. Genetic characterization, vi. Statistical analysis. The manuscript requires a thorough literature review for proper understanding of the research KPI, also for proper data discussion. The references were sufficient but some were quite old such as:</p> <ol style="list-style-type: none"> <li>Burton, C.W. and De Vane, E.H., 1952. Estimating heritability in tall Festuca (Restuca arundinaceae) from replicated clonal material. Agronomy journal, 45:1476-1481.</li> <li>Dewey, J.R and Lu, K.H. 1959. Correlation and path coefficient analysis of components of crested wheat grass seed production. Agronomy Journal. 51: 515-518.</li> <li>Falconer, D.S. 1964. Introduction to quantitative genetics. Longmann. 294-300.</li> <li>Fisher, R.A and Yates, F. 1963. Statistical tables for biological, agricultural and medical research. Hafner, New York. 6: 55-56.</li> <li>Hanson, W.D. 1956. Heritability, statistical Genetics and plant Breeding NASNRC. Washington Publishers. 98: 115-140.</li> <li>Johnson HW, Robinson HF, Comstock RE (1955). Estimates of genetic and environmental variability in soybean. Agronomy journal, 47: 314-318.</li> <li>Panse, V.G. and Sukhatme, P.V. 1985. Statistical methods for agricultural workers. ICAR, New Delhi.</li> <li>Subramanian, P.S. and Menon, P.M. 1973. Genotypic and phenotypic variability in rice. Madras Agric. J., 60: 1093.</li> <li>Wright, S. 1921. Correlation and causation. Journal of Agricultural Research. 20: 557-585.</li> </ol> <p>The implication of the above showed that a thorough literature review is required to identify recent related studies.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language was suitable for scholarly communications.</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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes. Kindly please write down the ethical issues here in details)</i></p>	

### Reviewer Details:

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