

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_124020
Title of the Manuscript:	Evaluating Genotypic and Phenotypic Relationships and Their Impact on Yield Traits of Brinjal (Solanum melongena L.)
Type of the Article	Original Research 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	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	Yield is complex entity and influenced by various components directly as well indirectly. For recommending more reliable selection these effects and interrelationship must be analysed. The correlation and path coefficient provide a realistic basis for allocation of weightage to each component in deciding upon selection criteria for improvement of yield. So this manuscript is important for scientific community	
Is the title of the article suitable? (If not please suggest an alternative title)	As this manuscript is related to correlation and path analysis, there should be some change in title of this manuscript as it is incomplete, Evaluating Genotypic and Phenotypic Relationships of yield attributing traits on yield of Brinjal ( <i>Solanum melongena</i> L.)	
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.	Abstract of the article is comprehensive, one minor correction is: Coefficient analysis among various yield attributing traits and yield for 42 genotypes	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	<p>1. As this manuscript is presented nicely with tables and diagram, it is technically robust and sound.</p> <p>2. In table of path direct effect of characters should be highlighted to provide clear picture</p> <p>3. Add one column of genotypic correlation of different characters with yield, as correlation is sum of indirect and direct effect of characters with yield.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	<p>Chithra K, Devaraju, Srinivasa V, Varalakshmi B, Shashikala S Kolakar and Asha AB,(2020). Correlation and path analysis in segregating population of brinjal (<i>Solanum melongena</i> L.) Journal of Pharmacognosy and Phytochemistry 9(5): 2457-245</p> <p>Rathod D., Tandel T., Sarkar M., Ahlawat TR, Patel AI, Vashi JM, Bambharolia RP, Varshney N, Emmi S and Chaudhari BN (2023). Study on correlation and path analysis in brinjal (<i>Solanum melongena</i> L.), The Pharma Innovation Journal 12(12): 3328-3330</p> <p>Sakariya SG, Vaddoria MA, Gohil PP, Babreeya KK, Gamit GC. (2022) Path analysis studies in brinjal (<i>Solanum melongena</i> L.). Pharmaceutical Innovation Journal.;11(4):953-955</p>	
<b>Minor</b> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments	Article is nicely presented with reliable diagram	

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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:**

Name:	<b>Jyoti Kumari</b>
Department, University & Country	<b>Nalanda College of Horticulture, India</b>