

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_125117
Title of the Manuscript:	Correlation and Path Coefficient analysis in F2 segregating Population of cross RNR-15048 x Dokra-Dokri in rice (<i>Oryza sativa</i> L.).
Type of the Article	

PART 1: Review Comments

Compulsory 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.	Correlation and path coefficient analyses are essential tools in rice breeding, especially in F2 segregating populations such as RNR-15048 x Dokra-Dokri. It will offer valuable insights into trait relationships, direct and indirect effects, and inform strategic decisions for enhancing crop performance through selective breeding. These analyses play a pivotal role in developing superior rice varieties that address the dynamic demands of agricultural productivity and sustainability.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Need an introductory sentence at beginning. Also, author need to add a recommendation and conclusion at the end of the abstract. Need more details of the result observed. Keywords: Keywords should not be repeated with the title.	
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.	Author should provide a hypothesis of the study before the objectives mentioned in Introduction. Mention the name of computer program used for statistical analysis. Separate the result and discussion part. Author just provided the link whether their result matched with previous work or not. Author should provide the justification and better clarification of their result. Title of the figure should be stated after the figure (Fig.1).	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Reference should be added for the cultivated land and yield of rice with updated one.	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	Need some introduction about the selected materials. Some spelling mistakes, different fonts and spacing errors in the manuscript need to be corrected.	

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

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