

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_130974
Title of the Manuscript:	Characters association and selection criteria for irrigated ecosystem in rice (Oryza sativa L.) genotypes
Type of the Article	

PART 1: Comments

	Reviewer's comment	Author's Feedback (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. A minimum of 3-4 sentences may be required for this part.	This study will help to identify key traits that contribute to improved performance in irrigated ecosystem by understanding the relationships between various traits in rice genotype s. Establishing effective selection criteria aids breeders in choosing rice genotype s with desirable characteristics, such as higher yield, better adaptability, and stress tolerance. The study supports targeted breeding strategies by focusing on trait combinations that maximize productivity and efficiency in irrigated rice cultivation systems	Thanks
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	Thanks
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.	Please rewrite the abstract by considering following point 1. Why you conduct this experiment with objectives 2. Which methods have you used in this experiment with treatments 3. Major findings 4. Conclusion with recommendation	Done
Is the manuscript scientifically, correct? Please write here.	Yes	Thanks
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	I think reference is recent but doi number should be added in references my suggestion is the following recent references you should add this article 1. Hossain, M. M., Azad, M. A. K., Alam, M. S., & Eaton, T. E. (2021). Estimation of variability, heritability, and genetic advance for phenological, physiological, and yield-contributing attributes in wheat genotypes under heat stress condition. <i>American Journal of Plant Sciences</i> , 12(4), 586-602. https://doi.org/10.4236/ajps.2021.124039 2. Hossain, M. M., Azad, M. A. K., Eaton, T. E.-J., & Siddquie, M. N.-A. (2021). Assessment of different traits to evaluate genetic divergence in some wheat (<i>Triticum aestivum</i> L.) genotypes under late sowing condition. <i>American Journal of Plant Sciences</i> , 12(5), 734-747. https://doi.org/10.4236/ajps.2021.125049 3. Karikor, M. A. S., Kabir, M. S., Hossain, M. M., Azad, M. A. K., Mohamud, M. A., Rahman, M. H., Shumsun, N., & Hoque, M. A. (2022). Estimation of combining ability and heterosis in wheat. <i>International Journal of Advances in Agricultural Science & Technology</i> , 9(12), 1-46. https://doi.org/10.47856/ijaast.2022.v09i12.001 4. Mohamud, M. A., Hoque, A., Hassan, A. H., Hossain, M. M., Monira, S., & Muse, M. I. (2022). Estimation of genetic variability, heritability, and genetic advances for short duration and high yielding rice genotypes. <i>Journal of Advances in Agricultural Science & Technology</i> , 9(10), 34-55. https://doi.org/10.47856/ijaast.2022.v09i10.004	DOI numbers are added.

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Is the language/English quality of the article suitable for scholarly communications?	Ok but minor change is needed	Done
Optional/General comments	<p>In the introduction part, the author's summary and description of literature review lack comprehensiveness regarding to the objectives of this study. Additionally, there is a lack of clarity in identifying the breakthrough point of this study and addressing key scientific problems.</p> <p>In materials and method part, cultivate condition like temperature, rainfall, humidity, precipitation should be added. which methods have you used to collect and measure the data you should explained properly</p> <p>In the result and discussion section, only phenomena are described without discussing their implications or underlying mechanisms within the experiment.</p>	<p>Done as mentioned in other reviews' comments.</p> <p>Added</p> <p>Done</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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	