

Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_88576
Title of the Manuscript:	Seed priming with proline and glycine betaine on germination, seedling growth, and photosynthetic pigments of rice (Oryza sativa) under chilling stress
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:

(<https://www.journaljaeri.com/index.php/JAERI/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	It is a clearly written paper in priming issue. Author/s tried 10 treatments including combination of treats. They used CRD for data analysis; I am afraid how they differentiate single or main effect in treatment combinations with CRD design? It is better to use factorial experiment with CRD as base desing in this research. Please include ANOVA table in Text also.	Thank you for the query and suggestions. CRD or RCBD is just the design for experiment setting based on experiment environment, no the matter either the factor is single or double. However, we used 10 priming treatments on single/same type of crop/variety. So, obviously there is a one factor which is 'treatment'. "Combination of treats" which you mentioned in your interrogation is also a one (1) treatment in ten (10). And after that we analysed the data by one-way ANOVA. ANOVA table in text is not desirable as SE value is sufficient to explain the variations among treatments and this is widely-accepted by good journals.
Minor REVISION comments		
Optional/General comments		

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)	