

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_97090
Title of the Manuscript:	Performance Evaluation of Sprinkler Irrigation, Fertility Levels and Bio-regulator on Productivity and Water Use Efficiency of Zaid Mungbean (<i>Vigna radiata</i> L.)
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.journalijecc.com/index.php/IJECC/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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	Yes, this article provides a valuable overview of the impact of those factors outlined in the title. The finding of the research can also be used to inform decision-making when it comes to irrigation and fertility management, helping farmers maximize the efficiency of their resources. Enhancing Productivity and Water Use Efficiency of Zaid Mungbean Through Sprinkler Irrigation and Fertility Amendments The abstract did not include a clear problem statement to enable more understanding of the project scope. Abstract should highlight the expected outcomes and conclusions of the finding. The objectives were not addressed in detail in the introduction and the way the method was chosen in the study. Even the research giving some results, however the methodology used to achieve these results is not sufficiently explained. This makes it difficult to assess the validity of the results. If authors could elaborate on their methodologies (and cite previous studies if appropriate), it would be helpful to understand the results of their study. The correlation study of the factors studied; irrigation, fertility and bioregulatory should be explained and shown in the discussion before highlighted in the conclusion. In doubt, as valid data is a concern. Only 20% is five years recent.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	This article has some useful information on the performance of sprinkler irrigation, fertility levels, and bio-regulators on productivity and water use efficiency in Zaid mungbean, but the abstract, introduction, and methodology sections could all be improved. Specifically, a clear problem statement should be included in the abstract, the objectives should be addressed in more detail, and the methodology used to achieve the results should be more thoroughly explained.	

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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