

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_128087
Title of the Manuscript:	Impact of Biofertilizers on yield and Economics of Rabi sorghum ( <i>Sorghum bicolor</i> L.) under rainfed condition.
Type of the Article	Research Article

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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: 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. A minimum of 3-4 sentences may be required for this part.	<ol style="list-style-type: none"> <li>1. Biofertilizers, such as nitrogen-fixing bacteria (e.g., Rhizobium, Azospirillum) and phosphate-solubilizing microorganisms, enhance soil fertility by improving nutrient availability.</li> <li>2. Under rainfed conditions, nutrient availability is often a limiting factor. Biofertilizers can increase nutrient uptake efficiency of sorghum by facilitating the release of nutrients.</li> <li>3. Improve drought resistance by strengthening plant root systems. Ultimately lead to better yields despite water stress conditions typical of rainfed agriculture.</li> </ol>	
Is the title of the article suitable? (If not please suggest an alternative title)	This title is suitable for the research work, but I believe "Influence of Biofertilizers on Yield and Economic Performance of Rabi Sorghum ( <i>Sorghum bicolor</i> L.) " would be a more fitting choice.	
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.	The abstract provides clear and concise information that aligns well with the research objectives, confirming the suitability of the title: 'Impact of Biofertilizers on Yield and Economic of Rabi Sorghum ( <i>Sorghum bicolor</i> L.) under Rainfed Conditions.' It effectively highlights the research study's result clearly.	
Is the manuscript scientifically, correct? Please write here.	The manuscript follows a proper scientific approach—using clear objectives, reliable methods, accurate data analysis, and logical conclusions so, it should be considered scientifically correct with minor corrections.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references provided by the author are outdated and limited in number. It would be beneficial for the author to include more recent and additional references related to the research work to strengthen the scientific validity and credibility of the study.	
Is the language/English quality of the article suitable for scholarly communications?	The language used by the author is scholarly and well-written, but it would be helpful to review the text for any grammatical errors.	
<b>Optional/General</b> comments	<ol style="list-style-type: none"> <li>1. The author has not specified how seed treatment is carried out using the powder and liquid forms separately. Please include detailed procedures for both forms individually.</li> <li>2. The explanation regarding economics is not clear. Please provide detailed information and include the remaining parameters, such as the cost of cultivation, gross returns, net returns, and B:C ratio, in a separate table for better understanding of the economic aspects of each treatment.</li> <li>3. The author does not provide a clear explanation as to why liquid biofertilizers are more effective than the powder form in terms of yield and economics in sorghum.</li> <li>4. Please mention the specific species of Phosphate Solubilizing Bacteria (PSB) used in the research study.</li> </ol>	

#### PART 2:

	Reviewer's comment	Author's comment <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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### Reviewer Details:

Name:	Narasapuram Rangaswamy
Department, University & Country	Acharya NG Ranga Agricultural University, India