

**Review Form 3**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_122512</b>
Title of the Manuscript:	<b>Effect of different organic nutrient sources on economics, soil micro nutrient status and microbial growth of Ragi under guni method of cultivation</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

<b><u>Compulsory</u></b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p><b>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.</b></p>	<p>The manuscript addresses a topic of relevant importance to the scientific community. Given the growth of the world's population and the increasing degradation of the soil, it is necessary to study sustainable forms of cultivation. The use of organic fertilizers is an important alternative for sustainable soil management and for reducing the use of inorganic fertilizers.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>I suggest modifying the title by removing the word "different" from the title, because the use of the word sources already suggests that we are talking about different organic fertilizers.</p>	
<p><b>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.</b></p>	<p>I didn't find the summary comprehensible, so I suggest some modifications. The methodology needs to be better detailed, and it is important to explain the acronyms that represent the nutrient sources. The use of acronyms alone does not make it clear what types of fertilizers were used. It is also important to include a sentence in the conclusion.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>I consider the structure of the article to be adequate, following a logical sequence in the introduction, methodology, results and conclusions. However, care should be taken with the order of the tables, as table 2 is appearing before table 1, and this should be corrected.</p>	
<p><b>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.</b></p>	<p>The manuscript has a solid scientific basis, presenting all the necessary analyses for scientific proof of the study. However, I suggest that a few points be presented to make the methodology more coherent. It was not presented how the fertilization was done, when and in what form, whether in installments or in a single dose. Nor did it say how many days the plants were left in the field. These aspects are very important when studying soil fertility. In the results and conclusion, the source that gave the best results was presented, but it was not discussed that the nutritional composition of this source is richer than the other sources tested. In addition, it is interesting to note that the soil studied already had a good concentration of micronutrients, as shown in the soil analysis.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>The references are sufficient to discuss the subject of the manuscript. It should be noted that 50% of the references used are from the last 10 years.</p>	
<p><b><u>Minor</u></b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language used is appropriate for scientific communication, but a few points should be noted. The term essential micronutrients was used frequently, but it should be noted that nutrients, whether macronutrients or micronutrients, are essential elements, which means that the term essential micronutrients is not necessary.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>Given that one of the focuses of the manuscript is to portray the ability of organic fertilizers to provide the soil with micronutrients, I suggest discussing further the importance of micronutrients for the crop used in the experiment. I would also suggest discussing the costs of inorganic fertilization with micronutrients, bearing in mind that the organic fertilizers tested were economical.</p>	

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**PART 2:**

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

**Reviewer Details:**

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