

**Review Form 3**

Journal Name:	<b>Annual Research &amp; Review in Biology</b>
Manuscript Number:	<b>Ms_ARRB_120890</b>
Title of the Manuscript:	<b>Organic fertilizer improves soil fertility and enhances carrot (<i>Daucus carota</i>) productivity and quality in southern Côte d'Ivoire.</b>
Type of the Article	<b>Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<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>
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.	This manuscript focuses on understanding the importance of organic fertilizer on soil health as well as human health, reduce land and chemical pollution. It also promotes organic farming ensuring increased productivity.	
Is the title of the article suitable? (If not please suggest an alternative title)	The alternative title can be A Comprehensive study of Organic fertilizer i n improving soil fertility and enhancing carrot ( <i>Daucus carota</i> ) productivity and quality in southern Côte d'Ivoire.	
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.	Briefly mention the statistical significance of the results to strengthen the abstract.	
Are subsections and structure of the manuscript appropriate?	Yes, it is appropriate	
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.	This manuscript demonstrates scientific robustness and technical soundness through its comprehensive methodology and rigorous data analysis. The manuscript's thorough literature review provides a solid theoretical foundation, while the clear and detailed presentation of results helps replication and further research. Additionally, the conclusions drawn are well-supported by the evidence presented, enhancing the credibility of the study.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, references are sufficient and recent.	

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Minor REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes, it is suitable for scholarly communication.	
<b>Optional/General</b> comments	<ol style="list-style-type: none"><li>1. Break down long sentences part in Introduction section for simplification in Reading.</li><li>2. Clarify the importance of the study site in Abidjan to emphasize the relevance of the local context.</li><li>3. Provide a clearer transition between discussing the general benefits of urban agriculture and the specific focus on organic fertilizers and organic farming.</li><li>4. Create proper subheadings for each subsection (e.g., Study Area, Plant Material, Biofertilizer, Experimental Design, Crop Setup, Chemical Analysis). in Methodology section</li><li>5. Attach the layout of experimental setup as an image by preparing in PPT</li><li>6. Consider adding more comparative analysis to emphasize the statistical significance of differences between treatments.</li><li>7. There is a need for more critical analysis of why treatment T2 was optimal compared to T1 and T3</li><li>8. Provide a more in-depth analysis of the potential mechanisms and techniques behind the observed differences in carrot yield and quality.</li><li>9. Discuss the environmental implications of using higher doses of liquid compost (T3) in more detail.</li><li>10. End with practical recommendations for farmers regarding the optimal use of organic fertilizers.</li><li>11. Suggest potential areas for future research.</li><li>12. Use a consistent citation style throughout the manuscript.</li><li>13. Include an acknowledgment section for funding sources or contributors.</li></ol>	

### **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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