

### Review Form 3

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_122424</b>
Title of the Manuscript:	<b>Lactuca sativa growth and yield as affected by cashew nut shells biochar, cattle manure and urea in northern and central Benin.</b>
Type of the Article	<b>Research article</b>

#### **PART 1: Review Comments**

<b>Compulsory</b> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This paper is important in that it offers insight into using cashew nut shell biochar as one such sustainable soil amendment capable of improving lettuce growth and yield while reducing reliance on chemical fertilizers. It presents an opportunity for enhancing the fertility of soils, nutrient management, and productivity in northern and central Benin, both for crops and the environment. Third, it offers farmers involved in small-scale farming practical solutions to conduct agriculture in this region on a more sustainable and economically feasible basis.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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 effectively highlights the study's objectives and results, showcasing the significant impact of biochar combined with organic and inorganic fertilizers on lettuce growth and yield. However, it would benefit from specifying the exact improvements in plant growth parameters to provide a more comprehensive summary of the findings.	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The manuscript is scientifically robust due to its well-structured experimental design, including multiple replications and a range of treatment combinations. The use of appropriate statistical analyses ensures reliable results, and the focus on practical and sustainable agricultural practices adds technical relevance.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	N/A	
<b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<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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