

Review Form 3

Journal Name:	Asian Journal of Agricultural and Horticultural Research
Manuscript Number:	Ms_AJAHR_130104
Title of the Manuscript:	EVALUATION OF THE EFFECTIVENESS OF VARIOUS AMELIORANT SOURCES IN INCREASING NP ABSORPTION AND SWEET CORN PRODUCTIVITY ON SANDY SOIL
Type of the Article	

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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.	<p>This study is important because it investigates a crucial issue in agriculture: improving crop productivity in challenging soil conditions.</p> <p>Addresses a Practical Problem: Sandy soils are known for their poor water retention and low nutrient availability, which can significantly limit crop yields. This study directly addresses the need to find effective and sustainable ways to improve crop growth in such soils.</p> <p>Evaluates Sustainable Ameliorants: The study focuses on organic amendments like cow manure, compost, and rice husk charcoal. These are environmentally friendly alternatives to synthetic fertilizers, which can have negative impacts on soil health and the environment.</p> <p>Provides Valuable Data: The research provides empirical evidence on the effectiveness of different ameliorants in improving soil quality, nutrient uptake, and ultimately, crop yield. This data can be used by farmers to make informed decisions about soil management practices.</p> <p>Highlights the Importance of Mycorrhiza: The study demonstrates the beneficial role of mycorrhiza in enhancing nutrient uptake. This knowledge can be utilized to develop integrated soil fertility management strategies that promote beneficial soil microorganisms.</p> <p>Contributes to Sustainable Agriculture: By promoting the use of organic amendments and sustainable soil management practices, this research contributes to a more environmentally friendly and sustainable approach to agriculture.</p>	<p>Regarding addressing a practical problem, I agree and sandy soils are known for their poor water retention and low nutrient availability, which can significantly limit crop yields.</p> <p>.</p> <p>The reviewer's suggestion about evaluating sustainable ameliorants is excellent, and I agree to emphasize the importance of maintaining soil and environmental health by reducing the use of synthetic fertilizers.</p> <p>I fully agree with the Reviewer's opinion regarding provides valuable data, which can be used to address practical field problems, particularly concerning empirical evidence on the effectiveness of various ameliorants in improving soil quality, nutrient uptake, and ultimately, crop yields.</p> <p>I agree with the Reviewer regarding highlights the importance of mycorrhiza, particularly about how this knowledge can be utilized to develop integrated soil fertility management strategies that promote beneficial soil microorganisms.</p> <p>I agree with the Reviewer's opinion because the content of my manuscript indeed contributes to sustainable agriculture, particularly by promoting the use of organic amendments and sustainable soil management practices.</p>
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.	Yes	
Is the manuscript scientifically, correct? Please write here.	Yes.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes.	

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Is the language/English quality of the article suitable for scholarly communications?	Yes.	
<u>Optional/General</u> comments	On pages 3 and 4 there are some paragraphs that are written in a different font. This need to be resolved in order to have a more uniform editing.	The paragraphs written in different fonts on pages 3 and 4 have been corrected, and the corrections are marked with yellow-highlighted text.

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?	(If yes, Kindly please write down the ethical issues here in details)	