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| SCIENCEDOMAIN international Mail | **F Managing Editor 31 FE <editor.31@sciencedomain.org>** |

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| **Re: Author has revised the paper following your valuable comments: 2024/AJAAR/124974** 1 message |

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| **Rehenuma Tabassum**<rehenuma.cbot@sau.ac.bd> | Wed, Jan 1, 2025 at 11:11 AM |
| To: F Managing Editor 31 FE <editor.31@sciencedomain.org> | |
| |  | | --- | | Thank you for inviting me to provide an editorial decision for the manuscript once again. After careful consideration of the reviewers' feedback, the manuscript appears to have significant flaws that justify a decision to reject the submission.  Recommendation:**Reject** Below are the reasons for this recommendation: Abstract: “It would be helpful for researchers, practitioners and farmers for providing them with the necessary insights to manage soil-related issues efficiently.” How? Please provide specific insights. Introduction: The introduction lacks key background information and fails to justify the significance of the study. It does not adequately integrate relevant literature to support the rationale for the experiment. Why do they mention nutrient determination methods, and details of sites in this section? Methodology: I could not find detailed information regarding crop selection and its justification. insufficient details about crop cultivation, harvesting practices, fertilizer management, etc. Essential statistical and analytical details, experimental design. Essential information on the experimental design, statistical analyses, and environmental data is missing. Result: The study revealed that crop yield production was significantly increased from 2850 kg/ha in 2021 to 4102.5 kg/ha in 2022. Under the same field condition, how crop yield doubled? Therefore, it requires detailed justification and additional data to explain such a significant improvement. Discussion: Should focus on the authors’ results, avoid redundancy, and integrate findings with existing literature. Several outdated references have been cited; these should be replaced with more current studies to align with the relevance of the research. Figures: Table 2 needs the source of data including citation. Figure1 required significant test analysis. | | |