

Review Form 3

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| Journal Name: | Asian Journal of Agricultural and Horticultural Research |
| Manuscript Number: | Ms_AJHR_120377 |
| Title of the Manuscript: | Improving the leaf nutrient and Mineral Elements of Constituents (Moringa oleifera L.) by Application of Certain Biostimulants and Biofertilizer |
| Type of the Article | Original Research Article |

Review Form 3

PART 1: Review Comments

| Compulsory 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> |
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| Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part. | | |
| Is the title of the article suitable? (If not please suggest an alternative title) | | |
| Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here. | | |
| Are subsections and structure of the manuscript appropriate? | | |
| Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part. | | |
| Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. | | |

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| <p>Minor REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p> | | |
| <p><u>Optional/General</u> comments</p> | <p>Review Paper- Improving the leaf nutrient and mineral elements of constituents (<i>Moringa oleifera</i>) by application of certain biostimulants and biofertilizer</p> <p>The study presents valuable insights into the effects of amino acids, seaweed extracts, and bio-fertilizers on leaf nitrogen content, with combined treatments showing superior results. Aligning with existing literature, the findings highlight the potential benefits of these treatments in enhancing plant nutrition. However, more detailed methodological information and broader analyses would further validate and expand upon these promising results.</p> <p>1. Strengths</p> <p>Comprehensive Evaluation: The study thoroughly compares combined and individual treatments, providing a clear view of their effectiveness.</p> <p>Consistency with Literature: The findings are backed by previous research, lending credibility to the results.</p> <p>Detailed Data: The precise measurements of leaf nitrogen content provide concrete evidence of the treatments' effects.</p> <p>2. Weaknesses:</p> <p>Limited Context: The excerpt does not provide the experimental design details, sample size, or statistical analysis, which are crucial for validating the findings.</p> <p>Scope of Treatments: While the study includes several treatments, it would benefit from exploring more combinations or concentrations to find the optimal mix.</p> <p>3. Opportunities for Improvement:</p> <p>Detailed Methodology: Including more information about the experimental setup, such as the number of replicates, statistical methods used, and environmental conditions, would strengthen the study.</p> <p>Broader Analysis: Investigating other plant growth parameters (e.g., yield, plant height, and other nutrient contents) alongside nitrogen content could provide a more holistic view of the treatments' effects.</p> <p>Long-term Impact: Assessing the long-term impact of these treatments on plant health and productivity would be valuable for practical agricultural applications.</p> | |

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PART 2:

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

Reviewer Details:

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| Department, University & Country | J.B.A.S College for Women, India |