

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_126889
Title of the Manuscript:	Optimizing Growth Rates and Nutrient Uptake in Stevia (<i>Stevia rebaudiana</i> Bertoni) through Integrated Nutrient Management
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>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.</p>	<p>The manuscript titled "Optimizing Growth Rates and Nutrient Uptake in Stevia (<i>Stevia rebaudiana</i> Bertoni) through Integrated Nutrient Management" holds significant importance for the scientific community, particularly in the fields of agronomy and sustainable agriculture. It addresses the growing demand for stevia as a natural sweetener by exploring effective cultivation strategies that combine organic and inorganic nutrient sources. The findings demonstrate that integrated nutrient management significantly enhances crop growth rates and nutrient uptake, which is crucial for optimizing yield in low to medium-fertility soils. I appreciate this manuscript for its practical implications, as it provides valuable insights into sustainable farming practices that can improve the productivity of stevia cultivation while preserving soil health. The rigorous experimental design and comprehensive analysis of growth metrics and nutrient dynamics contribute to a deeper understanding of how to manage nutrient inputs in agricultural systems effectively. However, I would suggest that the authors strengthen their discussion by incorporating more recent studies on integrated nutrient management further to contextualize their findings within the current body of research. Overall, this manuscript contributes meaningfully to the ongoing dialogue about sustainable agriculture practices and the cultivation of medicinal plants.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title of the article, "Optimizing Growth Rates and Nutrient Uptake in Stevia (<i>Stevia rebaudiana</i> Bertoni) through Integrated Nutrient Management," is generally suitable as it reflects the main focus of the study. However, it could be enhanced for clarity and specificity.</p> <p>Suggested Alternative Titles:</p> <ol style="list-style-type: none"> 1. "Enhancing Growth Rates and Nutrient Uptake in Stevia (<i>Stevia rebaudiana</i> Bertoni) through Integrated Nutrient Management Practices" This title emphasizes the action of enhancing growth rates and nutrient uptake, making it clear that the study focuses on improving these aspects through specific management practices. 2. "Impact of Integrated Nutrient Management on Growth Performance and Nutrient Absorption in Stevia (<i>Stevia rebaudiana</i> Bertoni)" This title highlights the impact of integrated nutrient management, which is a key element of the study, while also mentioning both growth performance and nutrient absorption. 3. "Evaluating Integrated Nutrient Management Strategies for Improved Growth and Nutrient Efficiency in Stevia (<i>Stevia rebaudiana</i> Bertoni)" This title suggests a broader evaluation of various strategies, indicating that the study may explore multiple approaches within integrated nutrient management to achieve better results. 4. "Optimizing Stevia Cultivation: Effects of Organic and Inorganic Fertilizers on Growth Rates and Nutrient Uptake" This title specifies the types of fertilizers used (organic and inorganic), which are central to the study's methodology while still addressing growth rates and nutrient uptake. <p>These alternative titles provide a clearer understanding of the manuscript's objectives and findings, enhancing its appeal to readers in the scientific community. They also reflect the comprehensive nature of the research regarding integrated nutrient management in stevia cultivation.</p>	
<p>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.</p>	<p>The abstract of the article "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Bertoni through Integrated Nutrient Management" is comprehensive as it outlines the study's objectives, methodology, key findings, and implications. However, there are areas for improvement.</p> <p>Suggestions for Improvement:</p> <ol style="list-style-type: none"> 1. Clarification of Objectives: <ul style="list-style-type: none"> ○ The abstract could benefit from a clearer statement of the specific objectives of the study at the beginning. For example, explicitly stating that the aim was to evaluate the effects of different nutrient management strategies on growth rates and nutrient uptake would provide a better context. 	

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	<p>2. Highlighting Key Results:</p> <ul style="list-style-type: none"> While some results are mentioned, adding specific numerical data or percentages regarding growth rates and nutrient uptake would enhance the impact of the findings. For instance, stating that "the highest crop growth rate was observed at FYM @5 t ha-1 with NPK 60:30:30 kg ha-1" would provide more precise insights. <p>3. Implications for Practice:</p> <ul style="list-style-type: none"> Including a brief statement about the practical implications of these findings for stevia cultivation and nutrient management practices would strengthen the abstract. This could involve mentioning how these results can inform farmers or agricultural policies. <p>4. Conciseness:</p> <ul style="list-style-type: none"> The abstract is somewhat lengthy; condensing some sections while retaining essential details could improve readability. Aim for clarity and brevity to engage readers effectively. <p>Suggested Revised Abstract Field trials were conducted from April to August in 2022 and 2023 at the Agronomy farm, Department of Agronomy, College of Agriculture, Vellanikkara, Thrissur, to assess the impact of integrated nutrient management on growth rates and primary nutrient uptake of <i>Stevia rebaudiana</i> Bertoni. Utilizing a factorial randomized block design (FRBD), three levels of organic manures (no manure, vermicompost at 2.5 t ha-1, and farmyard manure at 5 t ha-1) were combined with three NPK levels (20:10:10, 40:20:20, and 60:30:30 kg ha-1). Results indicated that the highest crop growth rate occurred with farmyard manure at 5 t ha-1 combined with NPK at 60:30:30 kg ha-1. Notably, nitrogen and phosphorus uptake peaked under farmyard manure treatment, while potassium uptake was significantly higher in both farmyard manure and vermicompost treatments. These findings suggest that integrated nutrient management strategies significantly enhance growth and nutrient absorption in <i>Stevia rebaudiana</i>, providing valuable insights for sustainable cultivation practices.</p> <p>Overall, while the abstract effectively summarizes the study's key components, refining it with clearer objectives, specific results, practical implications, and improved conciseness will enhance its impact within the scientific community.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure and subsections of the manuscript titled "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Bertoni through Integrated Nutrient Management" generally follow a logical format, including sections such as Introduction, Materials and Methods, Results and Discussion, and Conclusion. However, several gaps and weaknesses could be addressed to enhance clarity and coherence.</p> <p>Identified Gaps and Weaknesses</p> <ol style="list-style-type: none"> Lack of Clear Subsection Titles: <ul style="list-style-type: none"> Issue: Some subsections within the Results and Discussion section could benefit from clearer titles that indicate their specific focus. Example: The section currently labeled "3.1 Crop growth rate (g m-2 day-1)" could be more descriptive, such as "3.1 Effects of Manure and Fertilizer on Crop Growth Rate (CGR) of <i>Stevia rebaudiana</i>." Suggestion: Use more descriptive titles for subsections to guide readers on what to expect in each part. Inconsistent Formatting: <ul style="list-style-type: none"> Issue: There are inconsistencies in formatting throughout the manuscript, particularly in how tables and figures are referenced. Example: In some instances, tables are mentioned without clear numbering or reference (e.g., "as shown in Table 1"), which can confuse readers. Suggestion: Ensure consistent formatting for all tables and figures, including clear numbering and references throughout the text. Overlapping Content in Results and Discussion: <ul style="list-style-type: none"> Issue: The Results and Discussion sections sometimes overlap, making it difficult to distinguish between presenting results and interpreting them. Example: The discussion of crop growth rates includes both results and 	

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	<p>interpretations within the same subsection.</p> <ul style="list-style-type: none"> ○ Suggestion: Separate the Results from the Discussion more clearly by presenting all results first, followed by a distinct discussion section that interprets those results. <p>4. Insufficient Detail in Methods Section:</p> <ul style="list-style-type: none"> ○ Issue: The Materials and Methods section lacks sufficient detail regarding specific methodologies used for data collection and analysis. ○ Example: While it mentions using ANOVA for statistical analysis, it does not specify the software or specific tests conducted. ○ Suggestion: Provide more detailed descriptions of methodologies, including sample sizes, specific statistical tests used, and any relevant parameters measured. <p>5. Absence of a Literature Review in the Introduction:</p> <ul style="list-style-type: none"> ○ Issue: The introduction provides background information but lacks a thorough literature review that contextualizes the study within existing research. ○ Example: While it mentions the importance of <i>Stevia rebaudiana</i>, it does not adequately discuss previous studies on integrated nutrient management or their findings. ○ Suggestion: Include a brief literature review that summarizes relevant previous research to highlight the study's significance. <p>Overall, while the manuscript has a logical structure with appropriate subsections, addressing these gaps will enhance its clarity, coherence, and overall quality. By improving subsection titles, ensuring consistent formatting, clearly separating results from discussion, providing detailed methodologies, and incorporating a literature review in the introduction, the manuscript can present its findings more effectively to the scientific community. These changes will facilitate better understanding and engagement with the research presented.</p>	
<p>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.</p>	<p>The manuscript titled "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Bertoni through Integrated Nutrient Management" presents a scientifically robust approach to studying the effects of integrated nutrient management on the growth and nutrient uptake of stevia. The study employs a factorial randomized block design (FRBD), which is appropriate for assessing the interactions between different treatments. The use of statistical analysis, specifically ANOVA, adds credibility to the findings, allowing for a rigorous examination of the data. However, some several gaps and weaknesses could undermine its scientific rigor:</p> <p>Identified Gaps and Weaknesses</p> <p>1. Insufficient Detail in Methodology:</p> <ul style="list-style-type: none"> ○ Issue: While the methodology section outlines the experimental design, it lacks detailed descriptions of specific procedures used for data collection and analysis. ○ Example: The manuscript mentions using "standard procedures" for nutrient analysis but does not specify what those procedures are or the equipment used. ○ Suggestion: Provide more explicit details about the methodologies, including sample sizes, specific analytical techniques, and equipment used for nutrient analysis. <p>2. Statistical Analysis Concerns:</p> <ul style="list-style-type: none"> ○ Issue: Although ANOVA is mentioned, there is no discussion regarding the assumptions of ANOVA being met (e.g., normality, homogeneity of variances). ○ Example: The manuscript does not report any tests for normality or variance homogeneity, which are crucial for validating ANOVA results. ○ Suggestion: Include information on statistical tests conducted to verify assumptions, such as Shapiro-Wilk for normality and Levene's test for equality of variances. <p>3. Limited Discussion of Results:</p> <ul style="list-style-type: none"> ○ Issue: The discussion section does not adequately interpret the results in the context of existing literature. ○ Example: While it presents findings on nutrient uptake, it fails to compare these results with similar studies or discuss potential implications. 	

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	<ul style="list-style-type: none"> ○ Suggestion: Enhance the discussion by integrating comparisons with previous research and exploring the implications of findings on agricultural practices. <p>4. Lack of Consideration for Environmental Factors:</p> <ul style="list-style-type: none"> ○ Issue: The manuscript does not address how environmental factors (e.g., soil type, climate conditions) may influence the outcomes. ○ Example: While it mentions that the study was conducted in acidic soils, it does not discuss how this might affect nutrient availability or plant growth. ○ Suggestion: Include a discussion on how environmental conditions could impact results and suggest areas for further research. <p>5. Absence of Limitations:</p> <ul style="list-style-type: none"> ○ Issue: The manuscript lacks a section that discusses limitations or potential biases in the study. ○ Example: There is no acknowledgment of factors that may have influenced results or constraints related to the experimental design. ○ Suggestion: Add a section that outlines limitations and suggests how they might be addressed in future research. <p>Statistical Analysis Review The statistical analysis in this manuscript is a critical component that requires thorough evaluation:</p> <p>1. ANOVA Application:</p> <ul style="list-style-type: none"> ○ The use of ANOVA is appropriate given the factorial design; however, details regarding post hoc tests are missing. ○ Recommendation: Specify which post hoc tests were used (e.g., Tukey's HSD) to determine significant differences between treatment groups. <p>2. Data Presentation:</p> <ul style="list-style-type: none"> ○ Tables summarizing growth rates and nutrient uptake are included but lack accompanying descriptive statistics (e.g., means, standard deviations). ○ Recommendation: Provide descriptive statistics alongside tables to give readers a clearer understanding of data variability. <p>3. Interpretation of Results:</p> <ul style="list-style-type: none"> ○ The interpretation of statistical results should be more explicit regarding their significance and practical implications. ○ Recommendation: Clearly state p-values and confidence intervals where applicable to enhance transparency in reporting results. <p>While the manuscript demonstrates scientific robustness through its experimental design and statistical analysis, addressing these observed gaps will strengthen its overall quality. By providing more detailed methodologies, ensuring proper statistical validation, enhancing discussions with relevant literature comparisons, considering environmental impacts, and acknowledging limitations, the authors can significantly improve the scientific correctness and credibility of their research on <i>Stevia rebaudiana</i>.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>:</p>	<p>The references cited in the manuscript titled "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Bertoni through Integrated Nutrient Management" provide a foundation for the research presented. However, a detailed evaluation reveals both strengths and weaknesses regarding their sufficiency and recency.</p> <p>Strengths</p> <p>1. Diverse Sources:</p> <ul style="list-style-type: none"> ○ The manuscript references a variety of sources, including foundational studies on <i>Stevia rebaudiana</i> and integrated nutrient management, which establishes a solid background for the research. <p>2. Inclusion of Recent Studies:</p> <ul style="list-style-type: none"> ○ Some references, such as those from 2017 and 2020, indicate that the authors have considered relatively recent findings in the field, which is crucial for maintaining relevance in agricultural research. <p>Weaknesses</p> <p>1. Outdated References:</p> <ul style="list-style-type: none"> ○ Several references date back to the 1980s and 1990s (e.g., Kinghorn, 1987; 	

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	<p>Brandle & Rosa, 1992). While these studies may provide historical context, they do not reflect the latest advancements in stevia cultivation or nutrient management practices.</p> <ul style="list-style-type: none"> ○ Suggestion: Incorporate more recent studies from the last five years that discuss modern practices in integrated nutrient management and their effects on crop yield and quality. <p>2. Limited Coverage of Current Research Trends:</p> <ul style="list-style-type: none"> ○ The references do not adequately cover recent trends in sustainable agriculture, such as precision agriculture techniques or advanced organic farming practices. ○ Suggestion: Include additional references that explore innovative approaches to nutrient management and their impact on crop productivity. <p>3. Lack of Comprehensive Literature Review:</p> <ul style="list-style-type: none"> ○ The introduction could benefit from a more thorough literature review that synthesizes existing research on stevia cultivation and integrated nutrient management. ○ Suggestion: Add references that provide a broader overview of current research findings related to stevia's growth requirements and nutrient uptake dynamics. <p>Suggested Additional References To enhance the manuscript's reference list, consider including the following recent studies:</p> <p>1. Integrated Nutrient Management for Sustainable Agriculture: A Review.</p> <ul style="list-style-type: none"> ○ This article discusses modern integrated nutrient management strategies and their implications for sustainable agriculture. ○ Nutritional Requirements and Fertilization Strategies for <i>Stevia rebaudiana</i> Cultivation. This study provides insights into the specific nutritional needs of stevia and effective fertilization strategies based on recent findings. <p>2. Advancements in Organic Farming Techniques: Implications for Crop Yield</p> <ul style="list-style-type: none"> ○ This review highlights recent advancements in organic farming techniques that can be applied to improve crop yields sustainably. <p>While the references in the manuscript offer a foundational understanding of the study's context, addressing the identified gaps by incorporating more recent and diverse sources will strengthen its scientific rigor. Updating the reference list with contemporary studies will enhance the manuscript's relevance and provide readers with a comprehensive understanding of current trends in stevia cultivation and integrated nutrient management.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality of the manuscript titled "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Berton through Integrated Nutrient Management" presents several strengths. However, there are also notable grammatical and stylistic issues that need to be addressed to meet the standards of scholarly communication.</p> <p>Strengths</p> <ol style="list-style-type: none"> 1. Technical Terminology: <ul style="list-style-type: none"> ○ The manuscript employs appropriate technical terminology related to agriculture and nutrient management, which is essential for conveying complex concepts effectively. 2. Clear Structure: <ul style="list-style-type: none"> ○ The overall structure of the manuscript is logical, with a clear progression from the introduction through methods, results, and discussion. <p>Identified Issues and Suggestions</p> <ol style="list-style-type: none"> 1. Grammatical Errors: <ul style="list-style-type: none"> ○ Issue: There are several grammatical errors throughout the text that can impede readability. ○ Example: In the abstract, the phrase "the highest pooled mean of CGR in all the growth stages was found in FYM @5 t ha⁻¹ among manures" could be rephrased for clarity. ○ Suggestion: Revise to "The highest pooled mean crop growth rate (CGR) across all growth stages was observed with FYM applied at 5 t ha⁻¹." 2. Punctuation Errors: <ul style="list-style-type: none"> ○ Issue: Inconsistent use of commas and periods can lead to confusion. 	

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	<ul style="list-style-type: none"> ○ Example: In the sentence "This pattern in relative growth rate is considered normal, as the efficiency of biomass production typically decreases over time due to plant senescence and the increased growth of non-photosynthetic woody tissues," the comma before "as" may not be necessary. ○ Suggestion: Consider removing unnecessary commas for smoother reading. <p>3. Wordiness and Redundancy:</p> <ul style="list-style-type: none"> ○ Issue: Some sentences are overly wordy or contain redundant phrases that could be simplified. ○ Example: The sentence "To optimize the yield of its economically valuable components, it is necessary to implement effective cultivation strategies" could be simplified to "Effective cultivation strategies are needed to optimize yields of economically valuable components." ○ Suggestion: Aim for conciseness by eliminating unnecessary words while retaining meaning. <p>4. Inconsistent Use of Scientific Names:</p> <ul style="list-style-type: none"> ○ Issue: The scientific name <i>Stevia rebaudiana</i> should be italicized consistently throughout the manuscript. ○ Example: In some instances, it appears as <i>Stevia rebaudiana Bertoni</i> without italics. ○ Suggestion: Ensure that all scientific names are italicized consistently throughout the text. <p>5. Clarity in Statistical Reporting:</p> <ul style="list-style-type: none"> ○ Issue: Statistical results should be presented more clearly to enhance understanding. ○ Example: Instead of saying "the interaction was found to be significant only in the first two stages," specify what statistical test was used and include p-values. ○ Suggestion: Clearly report statistical findings, including specific tests used (e.g., ANOVA) and their significance levels (e.g., $p < 0.05$). <p>While the manuscript demonstrates a solid understanding of agricultural practices and nutrient management, addressing these grammatical, stylistic, and clarity issues will significantly enhance its quality for scholarly communication. By improving grammatical accuracy, punctuation consistency, conciseness, clarity in statistical reporting, and proper formatting of scientific names, the authors can ensure that their research is communicated effectively to the scientific community. This will not only improve readability but also strengthen the overall impact of their findings.</p>	
<p>Optional/General comments</p>	<p>The manuscript titled "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Bertoni through Integrated Nutrient Management" presents a thorough investigation into the effects of integrated nutrient management on the growth and nutrient uptake of stevia. Overall, the study is well-structured and provides valuable insights into sustainable agricultural practices for cultivating this economically significant plant.</p> <p>Strengths</p> <ol style="list-style-type: none"> 1. Relevance of Research: <ul style="list-style-type: none"> ○ The increasing demand for natural sweeteners like stevia makes this research timely and relevant. The focus on integrated nutrient management aligns with contemporary agricultural practices aimed at sustainability. 2. Methodological Rigor: <ul style="list-style-type: none"> ○ The use of a factorial randomized block design (FRBD) enhances the reliability of the results. The detailed description of experimental conditions and treatments allows for reproducibility. 3. Comprehensive Data Analysis: <ul style="list-style-type: none"> ○ The manuscript includes a thorough analysis of growth rates, nutrient uptake, and statistical significance, providing a clear understanding of the impact of different treatments. 4. Practical Implications: <ul style="list-style-type: none"> ○ The findings have practical implications for farmers, suggesting effective fertilization strategies that can enhance both yield and soil health. <p>Areas for Improvement</p> <ol style="list-style-type: none"> 1. Clarity and Conciseness: <ul style="list-style-type: none"> ○ Some sections could benefit from clearer language and more concise phrasing. For 	

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	<p>example, the abstract could be streamlined to focus on key findings without excessive detail.</p> <ol style="list-style-type: none">2. Statistical Reporting:<ul style="list-style-type: none">○ While ANOVA is mentioned, there is a lack of detail regarding the assumptions tested (e.g., normality, homogeneity of variances). Including this information would strengthen the statistical rigor of the study.3. Literature Review:<ul style="list-style-type: none">○ The introduction could be enhanced by incorporating a more comprehensive literature review that contextualizes the research within existing studies on <i>Stevia rebaudiana</i> and integrated nutrient management.4. Discussion of Limitations:<ul style="list-style-type: none">○ A section discussing the potential limitations of the study would provide a more balanced view of the findings. For instance, acknowledging environmental factors that might influence results would add depth to the analysis.5. References Update:<ul style="list-style-type: none">○ Some references are outdated; including more recent studies would enhance the manuscript's relevance and credibility in addressing current agricultural challenges. <p>In conclusion, this manuscript contributes valuable knowledge to the field of sustainable agriculture by exploring effective nutrient management strategies for cultivating <i>Stevia rebaudiana</i>. Addressing the identified areas for improvement will enhance its clarity, rigor, and overall impact within the scientific community. By refining language, expanding the literature context, improving statistical reporting, discussing limitations, and updating references, the authors can significantly strengthen their work and its contribution to agricultural science.</p> <p>Based on the provided text from the manuscript titled "Optimizing Growth Rates and Nutrient Uptake in <i>Stevia rebaudiana</i> Bertoni through Integrated Nutrient Management," need is a comprehensive table of abbreviations along with their complete forms:</p> <table border="1"><thead><tr><th>Abbreviation</th><th>Full Form</th></tr></thead><tbody><tr><td>CGR</td><td>Crop Growth Rate</td></tr><tr><td>RGR</td><td>Relative Growth Rate</td></tr><tr><td>FYM</td><td>Farmyard Manure</td></tr><tr><td>VC</td><td>Vermicompost</td></tr><tr><td>NPK</td><td>Nitrogen, Phosphorus, and Potassium</td></tr><tr><td>DAP</td><td>Days After Planting</td></tr><tr><td>ANOVA</td><td>Analysis of Variance</td></tr><tr><td>EC</td><td>Electrical Conductivity</td></tr><tr><td>RDF</td><td>Recommended Dose of Fertilizers</td></tr><tr><td>N</td><td>Nitrogen</td></tr><tr><td>P</td><td>Phosphorus</td></tr><tr><td>K</td><td>Potassium</td></tr><tr><td>FRBD</td><td>Factorial Randomized Block Design</td></tr></tbody></table> <p>The manuscript effectively utilizes these abbreviations throughout the text. However, it is essential to ensure that each abbreviation is defined upon its first use to maintain clarity for readers unfamiliar with the terminology. Including a dedicated section for abbreviations at the beginning or end of the manuscript can further enhance readability and accessibility.</p>	Abbreviation	Full Form	CGR	Crop Growth Rate	RGR	Relative Growth Rate	FYM	Farmyard Manure	VC	Vermicompost	NPK	Nitrogen, Phosphorus, and Potassium	DAP	Days After Planting	ANOVA	Analysis of Variance	EC	Electrical Conductivity	RDF	Recommended Dose of Fertilizers	N	Nitrogen	P	Phosphorus	K	Potassium	FRBD	Factorial Randomized Block Design	
Abbreviation	Full Form																													
CGR	Crop Growth Rate																													
RGR	Relative Growth Rate																													
FYM	Farmyard Manure																													
VC	Vermicompost																													
NPK	Nitrogen, Phosphorus, and Potassium																													
DAP	Days After Planting																													
ANOVA	Analysis of Variance																													
EC	Electrical Conductivity																													
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N	Nitrogen																													
P	Phosphorus																													
K	Potassium																													
FRBD	Factorial Randomized Block Design																													

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

Reviewer Details:

Name:	Sayed Mohammad Reza Khoshroo
Department, University & Country	Islamic Azad University, Iran