|  |  |
| --- | --- |
|  | |
| Journal Name: | [**Asian Journal of Advances in Agricultural Research**](https://journalajaar.com/index.php/AJAAR) |
| Manuscript Number: | **Ms\_AJAAR\_133397** |
| Title of the Manuscript: | **EFFECT OF DIFFERENT ORGANIC MANURES AND INORGANIC NUTRIENT SOURCES ON GROWTH, YIELD, AND QUALITY OF GARLIC (Allium sativum L.)** |
| Type of the Article |  |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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)* |
| **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.** | This manuscript presents valuable findings on the impact of different organic manures and inorganic nutrient sources on garlic growth, yield, and quality. Given the increasing interest in sustainable agricultural practices, the study provides practical insights into integrated nutrient management, which can help reduce reliance on chemical fertilizers while maintaining or improving yield and quality. The research is particularly relevant for regions with similar agro-climatic conditions, helping farmers optimize garlic production using a combination of organic and inorganic fertilizers. The study's emphasis on yield and quality parameters, including total soluble solids and ascorbic acid content, strengthens its significance in agricultural and nutritional research. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is generally appropriate; but, it could be refined for better clarity and precision. Suggested Alterative:  **"Optimizing Garlic (Allium sativum L.) Growth, Yield, and Quality through Integrated Nutrient Management: A Comparative Study of Organic and Inorganic Fertilizers"** |  |
| 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 is comprehensive but could be improved by including more details on the statistical significance of results and practical implications for farmers. It should also explicitly mention key comparisons among treatments. Suggested revision:   1. Briefly state the research gap or problem. 2. Clarify whether improvements in growth, yield, and quality were statistically significant. 3. Conclude with a stronger statement on the practical application of findings. |  |
| Is the manuscript scientifically, correct? Please write here. | The manuscript appears to be scientifically sound, with a well-structured methodology and clear presentation of results. However, a few points should be clarified:   1. The statistical analysis should be explicitly mentioned in the methods section, including the statistical tools/software used. 2. The discussion could benefit from a clearer comparison with previous studies, highlighting whether the findings confirm or contradict existing literature. 3. Some statements require references, especially those regarding nutrient release mechanisms and their impact on plant growth. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are mostly relevant and sufficient, covering a mix of classical and recent studies. However, a few additional references on integrated nutrient management in garlic, particularly from the last five years, would enhance the manuscript's relevance. The authors should ensure that all citations are formatted consistently and check for missing references in the text.  For the reference style, I prefer APA style. But if the author’s style is acceptable to your organization he/she can go ahead with it.  I also noted that the references is not arrange in alphabetical order. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript's language is generally clear but could be improved for conciseness and grammatical accuracy. Some sentences are too long and could be restructured for better readability. A professional proofreading service or grammar-checking tool could enhance clarity and flow. Additionally, scientific terms should be used consistently throughout the text. For example, from the Abstract, … . **with a 15 × 7.5 cm2 spacing,** the square should be removed from cm2, because is spacing not a area.  Also some acronyms are not spelled out. E.g ( **RDF**) wish mean **Raw Dissolved Fertilizer** |  |
| Optional/General comments | 1. The introduction provides a strong background but could better articulate the study's novelty. 2. The results section presents data effectively, but additional interpretation of findings in the discussion would strengthen the paper. 3. Tables are well-structured but should include clearer legends and specify units where applicable. 4. The conclusion should explicitly highlight key takeaways for practical applications and future research directions. |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Oluro, Christopher.O., Federal College of Horticulture Dadin-Kowa, Nigeria**