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| Journal Name: | [**International Journal of Plant & Soil Science**](https://journalijpss.com/index.php/IJPSS) |
| Manuscript Number: | **Ms\_IJPSS\_140886** |
| Title of the Manuscript: | **Onion growth, seed yield and seed quality in response to different nitrogen sources in mid hill of Himachal Pradesh** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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.** | **The topic is relevant, considering that nitrogen fertilization has a complex dynamic, requiring investigations into sources, rates, and application timing to improve crop quality and productivity.** | Authors fully agree that an optimized fertilization strategy must account for all these interrelated factors to enhance crop quality and productivity. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The source of mineral nitrogen affected onion growth, seed yield and quality.** | We agree that the current title could better reflect the study design, treatments and outcomes. We have revised the title accordingly. |
| 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. | **Revise the introductory part of the abstract; it is out of context.** | Added an opening sentence that frames the importance of optimizing nitrogen sources in onion cultivation. |
| Is the manuscript scientifically, correct? Please write here. | **The manuscript has serious flaws: data are presented incorrectly, statistical tests and significance levels used for data analysis are not described, and there is a lack of information regarding data collection methods, such as economic analysis. The discussion of the results is very weak—there is practically no discussion at all.** | We acknowledge the reviewer’s concerns and have revised the manuscript by adding the methodology for benefit–cost ratio calculation and detailed statistical analysis (ANOVA via OPSTAT with CD at p < 0.05). These changes address the issues related to data analysis, economic evaluation and strengthen the overall clarity and discussion. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **It is necessary to update the references that provide information on statistical data.** | Accordingly, we have revised the manuscript to include the most recent FAO (2024) statistics, reporting that global onion production. |
| Is the language/English quality of the article suitable for scholarly communications? | **The article is understandable, presents appropriate technical vocabulary, and has a coherent structure, but would benefit from:**   * **A thorough spelling and grammatical review;** * **Edits for greater conciseness and elimination of redundancies;** * **Closer attention to the introduction of acronyms and consistency in verb tense usage.** | Corrected |
| Optional/General comments | **Despite the high relevance of the topic, the article contains serious flaws.** |  |

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| **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)* |  |