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| Journal Name: | [**International Journal of Plant & Soil Science**](https://journalijpss.com/index.php/IJPSS) |
| Manuscript Number: | **Ms\_IJPSS\_136480** |
| Title of the Manuscript: | **Influence of integrated nitrogen management on release pattern of Zn, Fe, Mn and Cu under different soil moisture regimes** |
| 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 study addresses an important topic in soil fertility and integrated nutrient management. With revisions for clarity, conciseness, and language, the manuscript will be significantly strengthened. | Serious care has been taken in review of original manuscript and improvement of the manuscript's language, structure and clarity have been applied |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes | Noted |
| 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 provides a good overview of the study, but it is lengthy and contains some grammatical errors. It would benefit from concise language and clearer statements of key findings and implications. Please clarify the main conclusion and practical significance of your results in the abstract. | Grammar and language has been reworked on and appropriate changes applied. As per suggestion, Abstract and Conclusion have been enhanced with key findings and correlated information. |
| Is the manuscript scientifically correct? Please write here. | The manuscript is scientifically sound and presents a well-structured laboratory incubation study on the influence of integrated nitrogen management (INM) and moisture regimes on the release patterns of Zn, Fe, Mn, and Cu in soil. | Noted |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | No | NA |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | Noted |
| Optional/General comments |  | The extensive feedback and review is appreciated. Accordingly, appropriate changes have been applied on revised manuscripts.   * Revision done for grammatical clarity and brevity * The research gap and objectives added to the introductory section. * The discard method has been clarified in the Materials and Methods section. * Information on statistical software added * Key findings presented carefully in the discussion section including practical significance related to soil fertility and integrated nutrient management. * The discussion and conclusion were revised to more clearly align the findings with the study's objectives and to emphasize the significance of the findings and the broader implications for soil fertility and nutrient management practices. * Tables placed within the manuscript appropriately to create better flow and clarity. * References were formatted in APA style. * The conclusion was revised for one final time to express the study objectives explicitly and the practical implications of the research. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* | There are no ethical issues in this manuscript. |