Review Form 1.7

Journal Name:	**International Journal of Plant & Soil Science**
Manuscript Number:	**Ms_IJPSS_117170**
Title of the Manuscript:	**ASSESSMENT OF SOIL TEST CROP RESPONSE ON SOIL PROPERTIES AND YIELD ATTRIBUTES OF MUSTARD (Brassica juncea L.) var. Krishna**
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(https://www.journalijpss.com/index.php/IJPSS/editorial-policy)

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PART 1: Review Comments

	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)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	**1. Importance:** The authors aimed to maximize profitability from fertilizer investments while maintaining soil health. The targeted yield method has been widely employed to develop fertilizer recommendations nationwide. **2. Title:** Very long and preferred to be modified into "**Soil Test Crop Response Concerning Soil Properties and Yield Attributes of Mustard"**. **3. Abstract:** Notice the following: • Provide an opening statement of one or two short sentences as a background on the problem. • Provide some details on the treatments used. • Add the P-value for the significant results. • Some modifications were suggested to enhance the readability and understanding of the text. **4. Structure of the manuscript:** • **Keywords:** Clear and properly arranged. • **Introduction:** Notice the following: ➢ Improperly arranged in five paragraphs. The introduction has to be re-arranged into three paragraphs i.e. 1. Introduction 2. Significance of the study, and 3. Aim of the study. ➢ Some modifications were suggested to enhance the readability and understanding of the text. • **The aim**: Clear to a certain extent. Some modifications were suggested to enhance the readability and understanding of the text. • **Materials and methods:** Notice the following: ➢ Did you carry the study in the fall (abstract) or spring (materials and methods)? ➢ Provide the institutional ethical approval for the study. ➢ Use the international expressions for the seasons instead of the Hindi expressions. ➢ Add a separate section for the statistical analysis with the software used and a reference for it, as well as the used model for the analysis. ➢ Some modifications were suggested to enhance the readability and understanding of the text. • **Results:** Notice the following: ➢ Reduce the illustration of numbers among the text as they are listed in the tables and figures. ➢ Must add the P-value for the significant results. ➢ Many modifications were suggested to enhance the readability and understanding of the text. • **Discussion:** Clear to a certain extent with moderate comparisons and speculation. • **Conclusion:** Some modifications were suggested to enhance the readability and understanding of the text. • **Tables:** Properly arranged and well organized. **5. Scientific Soundness**: highlighted that the use of organic manures and their combination with a full NPK treatment significantly enhanced the growth and overall yield attributes of mustard. They concluded that the Soil Test Crop Response (STCR) based Integrated Nutrient Management (INM) approach not only boosts mustard crop yields but also substantially enhances the nutrient content and absorption in the plants, contributing to nutrient enrichment in mustard seeds. **6. References:** MUST BE UPDATED as 3.1% (1 out of 32) of the listed references were published in the past five years. The percentage has to increase to at least 35-40%. Old references and lack of updates indicate that the study is no longer a point of interest.	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	**General view:** The manuscript was expressed in moderate English and grammar. A certain degree of copyediting, proofreading, proper display of the abstract and the introduction, declaring some explanations in the materials and methods section, and necessarily updating the references have to be carried out before resubmission to achieve publishing value.	
Optional/General comments		

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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)*	

Reviewer Details:

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