

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_120872
Title of the Manuscript:	Influence of sources and levels of sulphur on green pod yield and quality of summer cowpea (<i>Vigna unguiculata</i> L. Walp) under middle Gujarat conditions
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>This manuscript is significant for the scientific community as it investigates the impact of various sources and levels of sulphur on the yield and quality of summer cowpea under middle Gujarat conditions. The study's findings contribute to optimizing fertilization strategies, which can enhance the yield and nutritional quality of cowpea, a crucial crop in tropical and subtropical regions. The research addresses a gap in knowledge regarding the specific sulphur needs of cowpea, providing valuable insights for agronomists and farmers aiming to improve crop production sustainably. I appreciate the manuscript's thorough experimental design and its practical implications for improving agricultural practices in sulphur-deficient soils.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title of the article, "Influence of sources and levels of sulphur on green pod yield and quality of summer cowpea (<i>Vigna unguiculata</i> L. Walp) under middle Gujarat conditions," is suitable as it clearly conveys the focus of the study. However, a slightly revised title could be more concise: "Effect of Sulphur Sources and Levels on Yield and Quality of Summer Cowpea in Middle Gujarat."</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 is generally comprehensive, summarizing the key aspects of the study, including the experimental setup, main findings, and implications. However, it could benefit from a more detailed mention of the statistical significance of the results and a brief statement on the practical applications of the findings. Additionally, clarifying the specific sources of sulphur used (e.g., Gypsum, Bentonite) in the abstract would provide a clearer overview of the study.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and structure of the manuscript are appropriate, covering essential components such as introduction, objectives, materials and methods, results and discussion, and conclusions. This structured approach ensures clarity and allows readers to follow the experimental design and findings systematically. Regarding scientific correctness, the manuscript appears scientifically robust and technically sound. The experimental design is well-detailed, the methodology is appropriate for the research question, and the data analysis is thorough. The inclusion of multiple sulphur sources and levels adds depth to the study, and the findings are supported by relevant statistical analyses, ensuring the reliability and validity of the results.</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 references cited in the manuscript are relevant and recent, providing a solid foundation for the study. However, additional references from more recent studies (post-2014) on sulphur application in legumes or similar crops could further strengthen the literature review. This would ensure the study is contextualized within the latest research developments in the field. If possible, integrating more recent studies on sulphur's role in crop production and soil health could provide a more comprehensive background and highlight the study's current relevance.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>		

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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>	

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