

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_123639
Title of the Manuscript:	Weed growth and Productivity of Greengram (Vigna radiata L.) under Different Weed Control Practices
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<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>Weed control plays a crucial role in determining the productivity of any crop. Different weed control practices, such as mechanical, chemical, and biological methods, successfully managed weed pressure. Although effective, mechanical methods can be labor-intensive, chemical herbicides provide faster results but may pose environmental risks. Integrated weed management (IWM) approaches combine these methods for a more balanced and sustainable solution. Effective weed control boosts green gram yields and improves crop quality and resource efficiency.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, it is.</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>Yes, the abstract of the article is comprehensive.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, it is.</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>This study is scientifically important because it provides the relationship between weed management and crop productivity in green gram cultivation. Quantifying the impact of different herbicidal treatments and manual weeding, provides valuable data on minimizing weed competition, which can significantly reduce crop yield. Weed competition reduced grain yield by 58.17%, with hand weeding and herbicide application demonstrating superior performance in improving plant height, dry matter production, and overall yield.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes, it is.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes.</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>	

Reviewer Details:

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