

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_98506
Title of the Manuscript:	“Influence of nitrogen and weed management practices of yield and economics of Blackgram (Vigna mungo L.)”
Type of the Article	Original Research 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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ul style="list-style-type: none"> ○ <i>Vigna mungo</i> L, commonly known as Black gram, is a nutrient-dense legume, comprising carbohydrates, protein, calcium, iron, fat, riboflavin, and thiamine. ○ It is a noteworthy pulse crop in both Bangladesh and India, with around 12.55% of all pulse production and 70,000 ha of cultivated area coverage. ○ The study elucidates that the production of black gram is frequently constrained by weeds, particularly during the <i>kharif</i> season, as a result of which 27% to 100% yield losses may occur. ○ Yes, the title of the manuscript is suitable enough. ○ Yes, the abstract written is comprehensive. ○ Yes, they are appropriate enough depicting the general sub-sections viz., Abstract, Introduction, Materials and Methods, Results and Discussion and Conclusion as well. ○ Since manual weeding and excessive use of herbicides are not always feasible, increasing crop density could be a substitute approach to shift the competition towards the crop's favor, in that way tumbling the weed population. ○ High yields in black gram cultivation could be achieved by removing the weeds at the apt time using suitable methods. ○ As per earlier findings hand weeding has been recommended as an effective method. ○ The integration of crop residues alone or in aggregation with nitrogen fertilizer has favourable effects on plant growth, production, and soil physicochemical properties. ○ The references are adequate and recent enough. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none"> ● Abstract, 2nd line: Prayagraj to investigate the "Influence- add an article. ● Introduction, 1st line: <i>Vigna mungo</i> L- Italicize the generic and specific epithet, as per binomial nomenclature. ● Introduction, 5th line: <i>kharif</i> season-Italicize the word. ● Introduction, 12th line: In the Gwalior district- correct article usage. ● 3.2.1, Correct article usage in the following: The highest-1st line; with the application-1st line; while the lowest- 2nd line. ● 3.2.2, The highest-Correct the article usage. ● 3.2.3, The highest-Correct article usage. ● 3.2.3, Benefit-cost ratio-add a hyphen. ● The usage of the English language is appropriate and well suitable for scholarly communications. 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> ● However, the manuscript has been succinctly described, remarkable, and well-presented adding a note on Gross return, Net return and Benefit cost ratio. 	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p>	

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