

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_102628</b>
Title of the Manuscript:	<b>Canola yield and water productivity as affected by irrigation, tillage and nitrogen levels in northwest India</b>
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> )

**Review Form 1.7**

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2.</p> <p>3. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>4. <b>Is the abstract of the article comprehensive?</b></p> <p>5. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>6. <b>Do you think the manuscript is scientifically correct?</b></p> <p>7. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>The theme developed by the authors is topical and has an impact on agriculture, the environment and, in general, on the food-producing industry. However, there are aspects that need to be improved in the manuscript.</p> <p>The title can be improved and the following is suggested: Effect of tillage and nitrogen levels on yield and productivity in <i>Brassica napus</i> in North East India.</p> <p>The abstract as it is presented does not contain basic elements such as justification, objective, methodology and impact of the results.</p> <p>The manuscript presents all the items corresponding to a scientific article, however, the authors have to make profound changes in some of them.</p> <p>The manuscript is scientifically correct, but it needs adjustments in some important items.</p> <p>Most of the references are very old and those that are available are very few, which do not effectively support the arguments presented.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Authors are suggested to review the English of the entire manuscript.</p>	
<p><b>Optional/General</b> comments</p>	<p>It is suggested that the authors review other specific observations indicated in the document. Improve the resolution of the figures. Correct the legends of tables and figures. All tables and figures must be related in the text. Improve the presentation of the tables since some of them have a lot of information.</p> <p>The authors carry out research with an economic, biological and agronomic impact on a crop such as canola. However, serious adjustments to the manuscript are necessary. The following title is suggested to the authors: Effect of tillage and nitrogen levels on yield and productivity in <i>Brassica napus</i> in North East India. The title should be short, eye-catching and very much in keeping with the nature of the study. The abstract does not clearly contain the definition of the problem, the justification of the study, the objective, a brief description of the methodology and the impact of the results in order to motivate readers. The selected keywords are not the most appropriate, authors are suggested to consult international thesauri for a better selection. Remember that the keywords are those that will allow greater visibility on the website of the article.</p> <p>The introduction can be complemented with background studies at the international and national level, of which must be included where they were carried out and the species, since if no studies are found on the species under study, related species can be included.</p> <p>Procedures should be described in more detail in the materials and methods section. Include the description of the plant material if it is a variety or hybrid and the selection criteria. the methodologies must go with the corresponding reference. Further detail the experimental design, the repetitions and the experimental units, the description of the variables and their frequency of measurement. Complement the statistical analyzes with more robust ones.</p> <p>The results section is very descriptive, but it should be in the same order as the methodology and</p>	

**Review Form 1.7**

	<p>discussion. The discussion is very poor and it is suggested to complement it with more current studies that may be in canola or other related species. Studies must be from no more than five years ago. The discussion should clearly show the connection between the comparative studies and those obtained in this investigation. It is not only mentioning the comparative studies but mentioning in which species they were carried out, where they were carried out in order to establish the international or national context. It is necessary to broaden the discussion from the biological, agronomic and economic point of view.</p> <p>The conclusions should not be a summary of the main results obtained in the investigation, rather they should show their impact.</p> <p>The bibliographical references do not have a homogeneous pattern throughout the document. They are very few and outdated. Authors are suggested to consult more current scientific articles to strengthen the introduction and discussion. Improve the presentation of tables and figures, their legends should be more explanatory.</p>	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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