

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_100815
Title of the Manuscript:	Effect of tillage and weed management practices on dry matter, yield and nutrient uptake by plant and depletion by weed in lentil crop (<i>Lens culinaris M.</i>)
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.journalijecc.com/index.php/IJECC/editorial-policy>)

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? Yes. The findings are interesting.</p> <p>2. Is the title of the article suitable? Yes. It's adequate.</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate? No. I indicated changes.</p> <p>5. Do you think the manuscript is scientifically correct? It needs to improve a lot to reach publication level.</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. Need to add references (preferably recent studies).</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Introduction</p> <p>2- In the second paragraph of the introduction, I suggest adding information about the physiological effects of weeds on crops. How do weeds limit production?</p> <p>3- Some information in the introduction is not cited. Fix it.</p> <p>4- In the introduction, it is necessary to include results described in the literature.</p> <p>5- What is the importance of the study? Include in the introduction.</p> <p>Material and Methods</p> <p>6- The methodology description can be made in subtopics.</p> <p>7- How were the climate variables measured? Add this information.</p> <p>8- It is necessary to include the bibliography of the methods used.</p> <p>Results</p> <p>9- Flag figures and tables throughout the text.</p> <p>10- The results can be better displayed. Include amount of increase or decrease (percentage, how many times, etc).</p> <p>11- I suggest correlating the data. For this study type it is highly recommended and improves the manuscript impact.</p> <p>Discussion</p> <p>12- The discussion needs to be greatly improved. The findings need to be better explored in light of data from the literature. It is necessary to link: effect of treatments + nutrient availability + growth parameters + crop yield.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	I strongly recommend an English review by a native speaker.	
Optional/General comments		

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)	

[Review Form 1.7](#)

Reviewer Details:

Name:	Evandro Alves Vieira
Department, University & Country	State University of Campinas - UNICAMP, Brazil