

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_119039</b>
Title of the Manuscript:	<b>Studies on Soil Health Condition as influenced by Sole and Intercropping System of Maize and Pulses under Rainfed Conditions</b>
Type of the Article	<b>Original Research Article</b>

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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><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ol style="list-style-type: none"> <li>1. Yes, the manuscript is important for the scientific community, as it shows the importance of maximizing food production through a consortium of Minho (<i>Zea mays</i>) + legumes and maintain soil health and preserving the environment.</li> <li>2. I suggest specifying the scientific name of the corn and legumes in the title of the manuscript, something like this: Soil Health Condition as influenced by Sole and Intercropping System of Maize (<i>Zea mays</i>) and Pulses (<i>Phaseolus vulgaris</i>) under Rainfed Conditions.</li> <li>3. Yes, the summary contains all the important information about the study.</li> <li>4. Yes, the subsections and structure are appropriate in the manuscript.</li> <li>5. Yes, the Summary contains all appropriate information; In the Introduction, the authors clarify the possibility of testing new crop alternatives, using a consortium of corn and legumes to verify their production and soil enrichment; The methodology used was suitable for this type of experiment, using a completely randomized block design. The results obtained are robust and the discussion the authors present in tables and figures is clear and enlightening. In the Conclusion, the authors conclude that when corn (<i>Zea mays</i>) is grown in intercropping with legumes (<i>Phaseolus vulgaris</i>), greater productivity is obtained and soil health is improved, both chemical-physical and biological.</li> <li>6. In my opinion, the manuscript is well written and follows the standards of a scientific article. However, References are very outdated, with only 14% being less than 10 years old. I believe that it is possible for the authors to carry out new research, including new, more up-to-date references on this topic.</li> </ol> <p>➤ Given this, my opinion is that authors check the possibility of changing the title of the manuscript and carry out new research to insert more up-to-date references!</p>	
<p><b><u>Minor</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>		
<p><b><u>Optional/General</u></b> comments</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>	

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