

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_109229
Title of the Manuscript:	Effect of Auger size and Depth of Operation on Bulk Density, Cone Index, Germination, Root Length, Root Weight and Cob Weight for Maize Crop
Type of the Article	Research Article

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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><u>Compulsory</u> 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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript is important for scientific community as it is providing an insight spot tillage can be an effective way to reduce bulk density, improve root development, and increase cob weight in maize crops. There are several advantages which are discussed in the manuscript. Farmers community can use it to improve their fields.</p> <p>“Effect of Auger size and Depth of Operation on Growth Parameters of Maize (<i>Zea Mays L.</i>) in Geoponics”.</p> <p>The abstract is slightly lengthy, refine it into 250 words max.</p> <p>Yes, all the subsections and structure of the manuscript appropriate</p> <p>Yes, I think the manuscript is scientifically correct.</p> <p>Yes, all the references are okay but all the results should be compared with similar type of research work i.e., in the domain of spot tillage. References of atleast 3 researchers should be added for each section while comparing.</p> <p>Furthermore, references in the methodology section are missing. Kindly, provide some references of SOP. For example, for moisture content, AOAC procedures are used. If not the standard protocol, atleast provide the reference of your base research paper for each parameter.</p> <p>Tables formatting should be set as per the journal. Some tables were found in APA format while others were not.</p> <p>Standard errors are missing in tables as well in graphs.</p> <p>Kindly, write the conclusion section in a paragraph form concisely. Conclusions in the submitted manuscript are as per thesis format.</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, the quality of English in the submitted article is suitable for scholarly communications</p>	
<p><u>Optional/General</u> comments</p>	<p>1. All the results should be compared with similar type of research work i.e., in the domain of tillage practices. References of atleast 3 researchers should be added for each section while comparing.</p> <p>2. References in the methodology section are missing. Kindly, provide some references of SOP. For example, for moisture content, AOAC procedures are used. If not the standard protocol, atleast provide the reference of your base research paper for each parameter.</p> <p>3. Tables formatting should be set as per the journal. Some tables were found in APA format</p>	

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	while others were not. 4. Standard errors are missing in tables as well in graphs. 5. Kindly, write the conclusion section in a paragraph form concisely. Conclusions in the submitted manuscript are as per thesis format.	
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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>	

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