

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Soil Science and Plant Nutrition</b>
Manuscript Number:	<b>Ms_AJSSPN_112532</b>
Title of the Manuscript:	<b>EFFECT OF SEED RHIZOME SIZE ON GROWTH AND YIELD OF TURMERIC</b>
Type of the Article	<b>Minireview 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>Compulsory</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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The study on seed rhizome size and its impact on turmeric cultivation is of significant importance to the scientific community, as it addresses agricultural efficiency, medicinal value, and economic implications.</p> <ol style="list-style-type: none"> <li>2. I would suggest to modify it a little bit for added clarity, "Impact of Seed Rhizome Size on Turmeric Growth and Yield: A Mini Review"</li> <li>3. The provided abstract of the article is somewhat comprehensive but could benefit from some improvements for greater clarity such as highlighting the practical implications of the research for turmeric growers or the agricultural community would add depth to the abstract. This could involve mentioning how optimizing seed rhizome size can lead to cost savings, increased yields, or improved crop quality. And the abstract should conclude by summarizing the overall impact and significance of the research within the context of turmeric cultivation.</li> <li>4. It would greatly benefit from the inclusion of subsections to improve the overall structure.</li> <li>5. yes it does</li> <li>6. that is sufficient.</li> </ol>	
<p><b>Minor</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>	<ol style="list-style-type: none"> <li>1. There are some minor grammar and style issues throughout the review, such as missing commas or inconsistent use of tense.</li> </ol>	
<p><b>Optional/General</b> comments</p>	<p>Additional comments are written at the end of this form</p> <p><b>Additional comments</b></p> <ul style="list-style-type: none"> <li>• The introduction mentions that India has diverse agro climatic zones for cultivation but doesn't directly relate it to the topic of seed rhizome size. It would be helpful to provide a more direct introduction to the importance of seed rhizome size in turmeric cultivation.</li> <li>• In some studies mentioned, there is no mention of control groups or comparisons with standard practices. Control groups are essential for assessing the true impact of seed rhizome size on turmeric growth and yield.</li> <li>• The conclusion could be more concise and to the point. It's important to summarize the key findings and their implications for turmeric cultivation. Additionally, it should reiterate the main points made in the review.</li> <li>• In the empirical review section, it would be helpful to provide more context regarding the units of measurement used for plant growth, yield, and rhizome size. For example, it's not clear what "t ha-1" means without further explanation. When introducing terms like "t ha-1" or "minisetts," it would be helpful to provide explanations or definitions.</li> </ul>	

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	<ul style="list-style-type: none"><li>• There are inconsistencies in the terminology used, such as referring to rhizomes as "seed rhizomes" in some instances and as "mother rhizomes" or "primary fingers" in others. A consistent and standardized terminology should be maintained throughout the article.</li><li>• The article often uses vague terms like "better growth" or "higher yield" without specifying the exact measurements or units used. Clear and standardized units of measurement should be provided for plant growth, yield, and other parameters to ensure clarity and comparability.</li></ul>	
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**PART 2:**

	<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)
<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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