

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_119201</b>
Title of the Manuscript:	<b>Effect of vine management on yield, yield attributing and quality parameters of pumpkin (<i>Cucurbita moschata</i>)</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> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>It addresses an important aspect of pumpkin cultivation. Understanding how vine management influences these parameters is crucial for optimizing pumpkin production, which is economically significant in agriculture. Hence, the findings presented could be valuable for researchers and practitioners in horticulture and agronomy.</p> <p>The title is generally suitable as it indicates the scope of the study, which is to evaluate the effect of vine management on various aspects of pumpkin production and quality. However, it could be slightly refined for clarity and conciseness, such as: "Impact of Vine Management on Yield and Quality of Pumpkin (<i>Cucurbita moschata</i>)"</p> <p>Abstract effectively communicates the significance of the study for pumpkin cultivation practices.</p> <p>These sections are appropriate for presenting research findings in an organized manner.</p> <p>Yes</p> <p>References are sufficient for the information provided.</p> <p>A. <b>Experimental Design:</b> The study uses a well-structured experimental design with eight distinct treatments and three replications each. However, the justification for selecting specific node stages for trimming could be elaborated.</p> <p>B. <b>Control Treatment:</b> The control treatment (T8) is appropriate for baseline comparison, but the study could benefit from including additional controls, such as varying environmental conditions or different pruning timings.</p> <p>C. <b>Data Collection:</b> The methods for measuring yield and quality parameters are standard and appropriate. More details on the sampling process and statistical analysis techniques (e.g., ANOVA assumptions, post-hoc tests) would enhance transparency and reproducibility.</p> <p>D. <b>Vitamin Analysis:</b> The methodology for measuring vitamin A and ascorbic acid content should be detailed further, including the specific analytical techniques and equipment used.</p>	
<p><b><u>Minor</u></b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Manuscript is coherent, but can be improved.</p>	
<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>	

**Reviewer Details:**

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