

## Review Form 1.7

Journal Name:	Archives of Current Research International
Manuscript Number:	Original Manuscript_ACRI_117889
Title of the Manuscript:	EFFECT OF SPACING ON PHYSIOLOGICAL CHARACTERS IN COCOA
Type of the Article	Original Research Article

### 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> <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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes, this manuscript is likely important for the scientific community studying cocoa cultivation, particularly those interested in High Density Planting (HDP) techniques.</p> <ul style="list-style-type: none"> <li>While HDP is used for cocoa, there's limited research on the optimal spacing configurations for maximizing physiological benefits. This study directly investigates this gap.</li> <li>Understanding how spacing impacts factors like leaf area, light interception, and chlorophyll content is crucial for optimizing plant growth and yield under HDP.</li> <li>The findings on the relationship between spacing and these physiological traits offer a foundation for further studies on optimizing HDP practices for cocoa.</li> </ul> <p>2. The title of the article, is acceptable, but it could be improved to be more specific and informative.</p> <ul style="list-style-type: none"> <li>Alternative title suggestions: "Impact of High-Density Planting Spacing on Physiological Traits of Cocoa Grown Under Coconut Trees"</li> </ul> <p>3. The abstract of the article is mostly comprehensive, but it could be improved to provide a clearer picture of the research.</p> <p>4. The subsections and structure of the manuscript appear to be appropriate for a research article.</p> <p>5. It is difficult to definitively say whether the manuscript is entirely scientifically correct without a full review process by experts in the field. However, based on the information presented in the abstract, materials and methods, and results sections, there doesn't appear to be anything obviously scientifically incorrect.</p> <p>6. The reference list appears to be comprehensive and includes relevant sources on cocoa cultivation and physiological factors.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes, the language and English quality of the article appear suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>	<p>The manuscript appears to be well-structured and clearly describes the research methodology, results, and discussion</p>	

**Review Form 1.7**

**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:**

Name:	<b>Reza Rahmatollahi</b>
Department, University & Country	<b>Atatürk University, Türkiye</b>