



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_37339
Title of the Manuscript:	Effects of shade regimes and varying seasons of irrigation on survival, developmental pattern and yield of field grown cacao (Theobroma cacao).
Type of the Article	Original Research Article

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



**SDI Review Form 1.6**

**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)
<b>Compulsory</b> REVISION comments	<p><b>Irrigation treatments - Not clear (Line 62)</b>  <b>No enough information about your plots (size, how did you control lateral water movements? Shade plants, spacing, why 7 days irrigation interval? Etc.</b>  <b>lamt - Is it daily amount? According to eq i it is total amount (mm)</b>  <b>As I understood, Volume = I amt x Area x P</b>  <b>But according to your eq ii, you didn't consider Kcp</b>  <b>Did you transplant in both 2012 and 2013? –(line 64-65). But no results related to 2013 transplanting.</b>  <b>Check your design. (line 66)</b>  <b>Table 2 is repeating the same results in table 1 (Table 1 – survival%, Table 2 – mortality% (100- survival%))</b>  <b>Need to recheck the results in table 1, 3 and 4. (Average of shade treatments should be equal to the average of 3 irrigation treatments.)</b>  <b>Did you have no irrigation treatment? (line 144-146)</b></p> <p><b>Line 147 – Because your all treatments are same at this point</b>  <b>Planting – June 2012</b>  <b>First irrigation (As I understood by your M&amp;M, all three irrigation treatments irrigated in first dry season) – Dec 2012 -April 2013</b>  <b>Your sampling period – April-Dec 2013 (10-18 months)</b>  <b>At this point nothing to compare in irrigation treatments. Table 6 and 7 useless.</b>  <b>Your second irrigation – Dec 2013 - April 2014</b>  <b>At this point you can compare one season irrigation and two season irrigation. Still two season and three season irrigation are same. Check your Table 9.</b>  <b>Line 176-178, 180-183 – No results shown</b></p> <p><b>Conclusions – some of your conclusions are not tally with your findings</b>  <b>Need to rearrange after finalizing your results and discussion.</b></p>	<p>No irrigation treatment but seasons of irrigation. This have been handled in materials and method  Not necessary and have been removed</p> <p>Yes and was indicated in Materials and methods</p> <p>Table 1, 2, and 3 have been replaced with chart for better understanding</p> <p>No, I only have seasons of irrigation as treatment</p> <p>This was clearly mentioned in Mat and methods</p> <p>I disagree that the table is useless. It may not be required due to the presence of tables indication pod yield. Though, it have been removed.</p> <p>Adjusted to fit.</p>
<b>Minor</b> REVISION comments	Rewrite the sentence (line 104-108)	
<b>Optional/General</b> comments	<p><b>Better to discuss with a statistician and conduct your analysis according to the comments of a statistician.</b>  <b>Need major corrections on M&amp;M, results and conclusion before resubmitting and discussion also be rearranged accordingly.</b></p> <p><b>I highly encourage the authors to rearrange the data with opinions of a statistician and rewrite the paper before resubmitting.</b></p>	