



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	<b>Ms_IJPSS_27098</b>
Title of the Manuscript:	<b>Selection of salt- tolerant triticale (× Triticosecale Wittmack) and genetic variation assay for agronomic and physiological traits</b>
Type of the Article	<b>Original Research Article</b>

**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>)



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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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. It would be nice to include root related traits to understand the mechanism of tolerance to salinity</li> <li>2. The maximum toxic level of salinity should be included as control</li> </ol>	<ul style="list-style-type: none"> <li>- It is very good suggestion but unfortunately we have not data for root traits to add to the manuscript.</li> <li>- I am not sure about this logic. Usually, controls in salinity or other stresses are those that no treatment was applied. In our experiment, pots irrigated with normal water were considered as control. Actually, we cannot determine maximum level of salt tolerance in a plant. In another study, one may use more sever salinity as maximum level. There are lot of literatures that show controls are those with no salt application.</li> </ul>
<b>Minor</b> REVISION comments	Explain why tritcale is resistant to salinity as compared to the wheat genotypes.	<ul style="list-style-type: none"> <li>- In page 12 and 13, we have highlighted a paragraph by yellow colour that shows higher K<sup>+</sup>/Na<sup>+</sup> ration may be one of reasons for resistance to salinity in tritcale as compare to wheat.</li> </ul>
<b>Optional/General</b> comments	<ol style="list-style-type: none"> <li>1. The clustering activity might not give clear pictures as the number of genotypes are small in number.</li> </ol>	-Yes, the reviewer is right but performing clustering was better than ignoring that as our objective was categorizing triticales response under salinity stress.