



SDI Review Form 1.6

Journal Name:	<u>Asian Journal of Soil Science and Plant Nutrition</u>
Manuscript Number:	Ms_AJSSPN_35268
Title of the Manuscript:	Tomato fruits yield and soil nutrients availability as affected by mulching and irrigation schedule on Potassium Chloride and Sodium Chloride treated soils
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>)



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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)																																							
Compulsory REVISION comments	To change titel as follows: Impact of irrigation and mulching on tomato yield and soil nutrient status on soils treated with KCl and NaCl To again read and to correct errors in the text. Rearangement of Tables according suggestions,mainly because of estetic reasons. Particle size distribution data to eliminate from Table 2 and transfer in text (the first sentence of Material and methods): The research was conducted at the teaching and research farm of the Kebbi State University of Science and Technology, Aliero, located at Jega, Kebbi State, during the cool dry season (sandy loam soil: clay 13%, silt 10% and sand 77%). Table 1. Influence of irrigation and much treatments on yield attribution of tomato yeld attributes <table><tr><th rowspan="4">Treatment and stage</th><th colspan="5">Tomato yield attributes</th></tr><tr><th>Flowering</th><th>Biomass</th><th>Fruist per</th><th colspan="2">Yield (t ha⁻¹)</th></tr><tr><th>(%)</th><th>(g)</th><th>plant</th><th>Total</th><th>Merkatable</th></tr><tr><th>5WAAT</th><th>3WAAT</th><th>6WAAT</th><th>6WAAT</th><th>6WAAT</th></tr><tr><td></td><td>stage</td><td>stage</td><td>stage</td><td>stage</td><td>stage</td></tr><tr><td colspan="6">Irrigation: four (I-4) and seven (I-7) day intervals</td></tr><tr><td colspan="6">Irrigation-4</td></tr></table>	Treatment and stage	Tomato yield attributes					Flowering	Biomass	Fruist per	Yield (t ha ⁻¹)		(%)	(g)	plant	Total	Merkatable	5WAAT	3WAAT	6WAAT	6WAAT	6WAAT		stage	stage	stage	stage	stage	Irrigation: four (I-4) and seven (I-7) day intervals						Irrigation-4						
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	Irrigation-7 Sig. LSD _{0.05}																																																					
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	Interaction																																																					
	I x M																																																					
	Means followed by same letter (s) within a treatment group are not significantly different at 5% using LSD _{-0.05}																																																					
	Data from Table 2 and Table 3 is possible be shown in one table (Table 2) according model as follows:																																																					
	Table 2. Physico-chemical properties of surface soil (0-15cm) at the experimental site before start of experiment planting and at post-harvest of tomato																																																					
	<table><tr><td rowspan="2">pH (mCaCl₂)</td><td colspan="2">Percent</td><td>mg kg⁻¹</td><td colspan="4">Exchangeable bases</td><td rowspan="2">Cmol kg⁻¹ C.E.C.</td></tr><tr><td>Organic carbon</td><td>Total nitrogen</td><td>Available phosphorus</td><td colspan="4">cmol (+) kg⁻¹ Ca Mg K Na</td></tr><tr><td colspan="9">Soil status before start of the experiment</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan="9">Soil status at post-harvest of tomato</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		pH (mCaCl ₂)	Percent		mg kg ⁻¹	Exchangeable bases				Cmol kg ⁻¹ C.E.C.	Organic carbon	Total nitrogen	Available phosphorus	cmol (+) kg ⁻¹ Ca Mg K Na				Soil status before start of the experiment																		Soil status at post-harvest of tomato																	
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Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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