



SDI Review Form 1.6

Journal Name:	Asian Journal of Agricultural and Horticultural Research
Manuscript Number:	Ms_AJAHR_49307
Title of the Manuscript:	Effect of Different Levels of Nitrogen and Filter mud on Tomato Vegetative Growth Yield and Yield Components
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	<p>The methodology requires higher specifications in relation to the type of soils used for both germination and tomato production in the field.</p> <p>It is advisable to relate the fruit weight, weight per plant fruits and total yield (t / ha) the number of leaves / plant, number of primary branches / plant, plant height (cm), using regression models and correlation.</p>	
Minor REVISION comments	<p>ABSTRACT</p> <p>Present a brief introduction, posing the problem in term of Tomato Vegetative Growth Yield and Yield Components.</p> <p>Presenter in terms of numbers (data), the outstanding results of the highest vegetative growth yield and yield components Compared to control the vegetative growth parameters, yield and yield components under the mud filter application.</p> <p>INTRODUCTION</p> <p>Add information on production, consumption and economic importance of tomatoes in Sudan</p> <p>MATERIALS AND METHODS</p> <p>Line 62: Change "(longitude 32^{or} 20[˚] E, latitude 3^{or} 39[˚] N)" to "(32[˚] 20[˚] East longitude, 13^{or} 39[˚] N latitude)".</p> <p>RESULTS AND DISCUSSION</p> <p>Record the value of probability for the following interpretations of the results:</p> <ul style="list-style-type: none"> Line 89: "Showed Treatments Differences significant (p = ??) in plant height and", Line 99: "Filter mud application Showed Differences significant (p = ????) in plant height," <p>Add a comma after the names of the authors before each bracket.</p> <p>Footnotes in Tables 1, 2, 3, 4, and 5 were not correctly interpreted. Change "Means Within the same columns followed by letter (s) are not Significantly different (P <0.05)" to " Means Within the same columns followed by letter (s) are not Significantly different (P> 0.05).</p> <p>Line 176: Change "tomato yields are highly responsive to the application of nitrogen Anderson <i>et al.</i>, [18]. " To" According to Anderson et al., [18], I tomato yields are highly responsive to the application of nitrogen "</p> <p>Lines 189-181: Mentioning in terms of numbers the following results corresponding to:</p> <ul style="list-style-type: none"> "the fruit weight, fruit weight / plant and the total yield in the two seasons". Line 192: "... significant Differences in fruit length, fruit weight, fruit weight / plant and the total yield" 	<p>Because it is two number for two seasons for each parameter I prefer to put it like this</p> <p>P <0.05 it is less.</p>



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	<p>Line 202: Change "table 6" to "Table 6".</p> <p>Results on: a) The main effects of different nitrogen levels on vegetative growth parameters of tomato; b) The main effects of different levels on tomato mud filter vegetative growth parameters; c) The main effects of different nitrogen levels on yield and yield components on tomato; d) The main effects of filter mud different levels on yield and yield components & their respective interactions, were presented in tables. It is important to use the graphical histograms (bars) and Poligono for understanding major interpretations, adding to the graphic the values corresponding standard deviation is recommended.</p>	
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	