

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_84465
Title of the Manuscript:	Effect of crop management practices on growth, yield, quality, economics and Buckeye rot, Alternaria disease of tomato (<i>Solanum lycopersicum</i> L.) var. Solan Lalima
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:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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)
Compulsory REVISION comments	<p>In introduction;</p> <ol style="list-style-type: none">1) The purpose of the project and which features are examined should be summarized as the last paragraph.2) The word (Solanaceae) on line 19 should be italicized. <p>In material and methods;</p> <ol style="list-style-type: none">1) This part should be divided into sub-headings so that the reader can understand it more easily.2) Information about the region where the research was conducted should be given under the heading " Location of Experiment ". In the text, only the meteorological data of the region whose coordinates and altitudes are given should be briefly mentioned.3) The tomato cultivar mulch types used in the research should be given under the title of "tomato cultivars and mulch types used" and their general characteristics should be briefly stated. Especially the characteristics of the tomato variety should be given.4) The analysis results of the soils where the research was conducted and the irrigation water used should be given, if any, and the total N-P-K etc values given by mentioning the fertilization applied in the research.5) All information about the trial design should be given under the "trial design" heading.6) "P: Planting methods, M: Mulching treatments, T: Training systems; P1: Raised bed planting method, P2: Flat, which is the explanation at the bottom of plot (kg) and yield per hectare (q) in tomato" bed planting method, M1: Black polythene mulch, M2: Silver polythene mulch, M3: No mulch, T1: Two stem training system, T2: Three stem training system " must be given under the Table 1. Detail of treatments used in the studies.7) Table numbers given at the back of the article should be reviewed. It started from Table 1, whereas Table 1 is given under the heading of detail of treatments used in the studies.8) Statistical analysis method used should be given. <p>In data collected;</p> <ol style="list-style-type: none">1) On line 93, where TSS is first given, its full name should be written next to it, then it can be given as TSS.2) The source of the method used in the measurement of total lycopane should be given.3) References should also be given for Incidence of Buckeye rot (%) and B:C ratio. Also It should be stated what the abbreviations in the word B:C ratio mean. <p>In Results and Discussion;</p> <ol style="list-style-type: none">1) Instead of the RESULTS AND DISCUSSION title, first the results title should be given and the results obtained from the research should be grouped and sub-headings should be created and given. In the discussion section, all information given as a single text by giving similar subtitles should be given under appropriate subtitles.	<p>All the necessary corrections were done as indicated</p>

Review Form 1.6

	<p>In Results; subheadings after the first paragraph</p> <p>A) The effect effect of different planting methods on various growth, yield and yield contributing factors, yield, quality and diseases. B) The effect of different mulches on various growth, yield and yield contributing factors, yield, quality and diseases. C) The effect of different training systems on various growth, yield and yield contributing factors, yield, quality and diseases. D) The effect of different planting methods, mulches and training systems as consortium on various growth, yield and yield contributing factors, yield, quality and diseases; E) The effect of application on economics of tomato (benefit: Cost ratio) should be given and the values obtained under each heading should be indicated by referring to their statistical significance levels.</p> <p>1) When giving the results obtained, reference should be made at the end of the sentence to the table containing the result. In addition, the abbreviation name must be given in parentheses next to each application name. For example:</p> <p>In planting methods: Number of flower clusters per plant (11.24), number of fruits per cluster (5.78), fruit weight (77.98 g) (Table1), pericarp thickness (4.71 mm), TSS (4.79 degree Brix) and lycopene content (5.96 mg/100 g) (Table 2), were found maximum for the plants grown on raised bed (P₁) and lower (3.85 %) incidence of buckeye rot and severity of Alternaria leaf blight (3.35 %) (Table 2). Similar plots observed increased fruit yield per plot (127.57 kg) and per hectare (899.96 q) (Table 1).</p> <p>2) The example I gave above should be applied to the paragraphs where all the data is presented. So the article will become more understandable.</p> <p>3) For example: raised bed (P₁) or P1 (raised bed) raised bed + black mulch + two stem training system (P₁M₁T₁) or (raised bed + black mulch + two stem training system)</p> <p>In Discussion;</p> <p>1) The discussion should be written by giving sub-headings according to the parameters examined as I suggested. Frankly, the length of a single whole paragraph made it difficult to understand. 2) The results obtained in the research should be examined and discussed in this direction by giving a literature sample under the sub-headings to be opened.</p>	
<p>Minor REVISION comments</p>		
<p>Optional/General comments</p>	<p>The article can be published in the journal after corrections.</p>	

[Review Form 1.6](#)

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>	no