

## Review Form 1.6

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_94781</b>
Title of the Manuscript:	<b>Response of different organic manures and inorganic fertilizers on vegetative growth of turnip (Brassica rapa L.) cv Purple Top White Globe.</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:

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

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>I recommend:</p> <p><b>Influence of different organic manures and inorganic fertilizers on vegetative growth of turnip (<i>Brassica rapa</i> L.) cv Purple Top White Globe</b></p> <p><b>ABSTRACT</b>            1....with each comprising of treatments replicated thrice. It will be deleted. This has been mentioned before.            2.Results revealed that the application of T<sub>12</sub> (50 % Nitrogen:Phosphorus:Potasium - N:P:K + 50% N through poultry manure) significantly influenced mst of the characteristics and recorded.....</p> <p><b>INTRODUCTION</b>            1.This is from....Lou et al. (2017)            Turnip [<i>B. rapa</i> L. em. Metzg. subsp. <i>rapa</i> syn <i>B. campestris</i> L. spp. <i>rapifera</i> Sinsk, (AA, 2n = 20)] is an annual or biennial plant that is cultivated worldwide as vegetable and fodder (Rakow, 2004, Hammer et al., 2013).            So, I suggest to write....at the end [1, 2], cited by [3].            At the Reference section it will be:            1. Rakow, 2004....            2. Hammer et al., 2013.....            3. Lou et al., 2017...  <b>Please respect Instructions fro authors:</b>            References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [3].            2.Please review and reformulate the paragraph. Some aspects are repeated.            3.Please be clear.            Please use a phrase with a view to present the medicinal importance of the studied plant.            For citation...[ ]            4.Please be clear.  <b>Allardice (1993)</b> is a natural pesticide? Or Allardice si an authors?            For citation...[ ]            5....[ ].            6.Now, again details as regard as the plant medicinally importance.But, its composition is not the topic of this study. So, please do only a short imformation on this aspect. The documentation needs to focus on the fertilizers impact on plant growth (if there are previously studies).            7.The INTRODUCTION section needs to be careful review and information clearly organised. Moreover, at the end you must to write the objectives of your work.</p> <p><b>MATERIALS AND METHODS</b>            1.Please, do not write the article title here.            For example:            It is necessary to present the experiment site and duration of the study, the biological material used, the experimental variants and design, the parameters analysed (each with the specifical expression unit), the statistical analyses.            2....with each comprising of treatments replicated thrice. It has been mentioned before.            3.I appreciate that each variant should be clear described and all presented in a Table. We need to know what does it mean....T2, or T3....an so on.</p>	

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	<p>Also, below the results Tables, the Legend for these is necessary.</p> <p>4.Source of variables wereNPK,FYM..... At the first apparition in text, the abbreviations must be explained</p> <p>5.Please specify also haw many treatments have been done and when. When the growth parameters have been analysed. At ...how many days after sowing, for instance.... These data are necessary in Materials and Methods section.</p> <p>6.At the end, please specify the statistical analyses....</p> <p><b>RESULTS AND DISCUSSION</b></p> <p>1.....statistically analyzed and are presented in Table 1. In fact, as we can see, the vegetative grown characteristics are shown.....in Table 1 and Table 2, too. <b>Or</b>, as we can see later, you can use Table 1a and Table 1b, taking into consideration that there are presented vegetative growth parameters.</p> <p>Then, when these parameters are presented, I recommend to have their better organisation. For example: <b>Plant height (cm)</b> ..... <b>Number of leaves plant<sup>-1</sup></b> ..... And so on...</p> <p>2.The subject is missing... 3.DAS.....? Now, it appear the abbreviation...DAS (I think...days after sowing) which has not been mentioned before....in Material and Methods. So, please do this at the appropriate place in the article text.</p> <p>4.....which were statisticaly at par with each other and were significantly superior over T<sub>1</sub> 5.... kumar <i>et al.</i> (2014), Mbatha <i>et al.</i> (2014), Verma <i>et.al.</i> (2016). Okokoh and Bisong (2011) <b>Please use....[ ].....</b></p> <p>6.PM The abbreviation PM has not used before. Now, at its first apparition please explained it.</p> <p>7....[ ].... 8.The subject is missing... 9.poultry manure) Now, you can use only...PM) 10...were statisticaly at par with each other 11.[ ]... 12.Please attention to quote, when necessary. Since, poultry manure contains high amount of major nutrients comparative to the other organic nutrients used as treatments probably which helps for the proper growth and development of vegetative structures (i.e., leaves).The results were in conformity with findings of <b>Tiamiyu <i>et al.</i>, 2012</b> in okra.</p> <p>13.....were significantly at par... Again, please...were statisticaly at par..... 14.Mbatha <i>et al.</i> (2014), ... <b>Again, attetntion...[ ]</b> 15.<b>Chitti <i>et al.</i> (2018)</b>... [ ]... 16.The results regarding vegetative growth of turnip were statistically analyzed and have been presented in table: 2. As I said at the Results section beginning, in both Tables (1 and 2) there are shown vegetative growth parameters! So, pat attention, please.</p> <p>Please consider my suggestions. More clearly presentation is needed for the following data, too.</p> <p><b>CONCLUSION</b></p>	
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	<p>Based on the current study, in both years (2018-19 and 2019-20), the treatment T12 (50% NPK + 50% N applied as poultry manure) was determined to be the most effective in terms of turnip vegetative development. Following a few more added experiments, producers can be advised to apply this organic manure and inorganic fertilizer mix.</p> <p style="text-align: center;"><b>REFERENCES</b></p> <p style="text-align: center;"><b>Please respect Instructions for authors.</b></p> <p>References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [3]. Example:</p> <p><b>Reference to a journal:</b></p> <p><i>For Published paper:</i></p> <p>1. Hilly M, Adams ML, Nelson SC. A study of digit fusion in the mouse embryo. Clin Exp Allergy. 2002;32(4):489-98.</p> <p><b>I suggest:</b></p> <p><b>Table 1a. Influence of different organic manures and inorganic fertilizers on vegetative growth of turnip (<i>Brassica rapa</i> L.) cv Purple Top White Globe</b></p> <p>Legend for the applied treatments is necessary.</p> <p style="text-align: center;"><b>I suggest:</b></p> <p><b>Table 1b. Influence of different organic manures and inorganic fertilizers on vegetative growth of turnip (<i>Brassica rapa</i> L.) cv Purple Top White Globe</b></p> <p>Legend for the applied treatments is necessary.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> 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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	Delian Elena
Department, University & Country	University of Agronomic Sciences and Veterinary Medicine, Romania