

Review Form 1.7

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_107260
Title of the Manuscript:	The effect of green compost processed organic fertilizer and chlorella microalgae solution on chlorophyll a, chlorophyll b, carotenoid and proline content of Tropaeolum Majus under drought stress
Type of the Article	

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>yes</p> <p>ok</p> <p>yes</p> <p>manuscript has to be re-written and formatted</p> <p>yes</p> <p>references are missing in many places as commented in manuscript</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Manuscript has to be rewritten to make it in form.</p>	
<p>Optional/General comments</p>	<p>what is green compost? Is it organic or unfermented?? Chlorella, T. majus, Vaccinium myrtillus Italicize?? Increase in amount is it for all chlorophylls??</p> <p>Remove aims and add this to introduction as last paragraph or lines. Materials and tools required for testing (write the paragraph with full sentences)</p> <p>Tropaeolum majus plant seedlings how prepared???</p> <p>mention days of culture of chlorella microalgae if possible</p> <p>Table 1. Characteristics of green compost reference?? And convert data in decimal form</p> <p>write in tabular form for C0D0A0 – C1D0A0 – C2D0A0 – C0D0A1 – C1D0A1 – C2D0A1 – C0D1A0 – C1D1A0 – C2D1A0 – C0D1A1 – C1D1A1 – C2D1A1 – C0D2A0 – C1D2A0 – C2D2A0 – C0D2A1 – C1D2A1 – C2D2A1 C0: green compost zero percent, C1: green compost 5 percent by volume, C2: green compost 10</p>	

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	<p>percent by volume.</p> <p>D0: zero drought, D1: low drought (ten days), D2: high drought (seventeen days)</p> <p>A0: without algae, A1: with algae</p> <p>Bolds Basal culture medium Table 2 reference??.</p> <p>figure 1. How to arrange the pots in the greenhouse rewrite sentence??</p> <p>Table 3. Characteristics of the soil used</p> <p>Title line missing</p> <p>Descriptions missing for:</p> <p>How to apply treatments in pots rewrite sentence??</p> <p>How to apply treatments in pots rewrite sentence??</p> <p>Write in mathematical formate</p> <p>Chl a = $(11.75 \cdot A_{663} - 2.35 \cdot A_{645}) \cdot V / \text{mg leaf weight}$</p> <p>Chl b = $(18.61 \cdot A_{645} - 3.96 \cdot A_{663}) \cdot V / \text{mg leaf weight}$</p> <p>$[(1000 \cdot A_{470} - 2.27 \cdot \text{Chl a} - 81.4 \cdot \text{Chl b}) / 227] \cdot V / \text{mg leaf weight} = \text{Carotenoid Content}$</p> <p>Proline test method: reference missing</p> <p>Rewrite once again to make it better by considering all comments.</p>	
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PART 2:

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

Reviewer Details:

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