

**Review Form 3**

Journal Name:	<b>Journal of Experimental Agriculture International</b>
Manuscript Number:	<b>Ms_JEAI_121570</b>
Title of the Manuscript:	<b>Effect of Plant growth regulators on growth of Petunia (Petunia hybrida) var. Grandiflora Rose</b>
Type of the Article	

### Review Form 3

#### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The authors aimed to conduct a study to evaluate the influence of the plant growth regulators on the growth of PPetunia compared to Grandiflora rose in the Experimental Farm, Department of Agriculture, Mata Gujri College, Fatehgarh Sahib, Punjab in 2023.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Long and preferred to be modified into "<b>Growth Regulators and the growth of Petunia var. Grandiflora Rose</b>" for more understanding and readability</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Please notice the following:</p> <ol style="list-style-type: none"> <li>The concise aim was not listed.</li> <li>Many abbreviations were listed without listing their full names on the first appearance.</li> <li>No closure statement was listed.</li> <li>Many modifications were recommended to enhance the readability and understanding.</li> </ol>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<ol style="list-style-type: none"> <li><b>Keywords:</b> Re-arrange and modify in alphabetical order as suggested.</li> <li><b>Introduction:</b> Please notice the following: <ul style="list-style-type: none"> <li>Improperly displayed into one small paragraph.</li> <li>The introduction has to be assigned into three paragraphs i.e. 1. Introduction 2. Significance of the study, and 3. Aim of the study.</li> <li>No cited supporting references were listed.</li> <li>Some modifications were suggested to enhance readability and understanding.</li> </ul> </li> <li><b>The aim:</b> Some modifications were suggested to enhance readability and understanding.</li> <li><b>Materials and methods:</b> Please notice the following: <ul style="list-style-type: none"> <li>The section is not brief and non-repeatable.</li> <li>MUST provide the institutional ethical approval.</li> <li>MUST provide the microclimatic conditions of the experimental unit that might influence the entire study such as temperature, relative humidity, airflow, and light duration.</li> <li>Many abbreviations were listed without listing their full names on the first appearance</li> <li>Provide the methods used to measure the different growth parameters of the plant.</li> <li>nutrient levels (Carbon, nitrogen, potassium, and phosphorus) and model and the source of these tools.</li> <li>Do not use the "@" sign.</li> <li>Transfere the paragraph explaining the application doses of the regulators from the results to the materials and methods section.</li> <li>Provide a statistical analysis section with the software, a reference for it, and the statistical model used.</li> <li>Many modifications were suggested to enhance the readability and understanding of the text.</li> </ul> </li> <li><b>Results:</b> Please notice the following: <ul style="list-style-type: none"> <li>Reduce the illustrations of numbers and normal ranges as they are listed in tables.</li> <li>MUST list the P-value for the significant results.</li> <li>Use the abbreviations of the treatment names instead of listing full descriptions of them all over.</li> <li>Many modifications were suggested to enhance the readability and understanding of the text.</li> </ul> </li> <li><b>Discussion:</b> Clear to a certain extent with moderate comparison and speculation. Some modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Conclusion:</b> Some modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Tables:</b> Use the abbreviations of the treatments and list their details in the table footnotes.</li> </ol>	

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<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>The manuscript highlighted that GA<sub>3</sub> at a rate of 350 ppm performed best in various vegetative parameters such as plant height, number of branches per plant, plant spread, number of leaves per plant, stem length, and leaf area.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>MUST BE UPDATED . The percentage has to increase to at least 35-40%.</p>	
<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>General view:</b> The manuscript was expressed in moderate English and grammar. Professional copyediting and proofreading, Proper display of the abstract (add the aim, full names of the abbreviations, and a closing statement), proper display of the introduction section, declaring many explanations in the materials and methods section, and the necessity of updating references have to be carried out before resubmission to achieve publishing value.</p>	
<p><u>Optional/General</u> comments</p>		

**PART 2:**

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

**Reviewer Details:**

<p>Name:</p>	<p><b>Essam Samir Soliman</b></p>
<p>Department, University &amp; Country</p>	<p><b>Suez Canal University, Egypt</b></p>