

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_102781
Title of the Manuscript:	Study of genetic variability among some petunia hybrids at Chhattisgarh plains.
Type of the Article	Original research

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.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript is important for scientific community.</p> <p>Petunia is one of the most economical ornamental plants worldwide used in urban landscaping. Considering the multipurpose role it plays and the lack of care it requires, it is continuously on demand. So, this obliges the growers for procuring varieties with more novelties that have good acclimatization in varied agro - climatic and ecological conditions, as well as suitability for specific purposes.</p> <p>The present investigation was carried out during the year 2022 at the Horticultural Research cum Instructional farm, College of Agriculture, Indira Gandhi Krishi Vishwavidyalaya Raipur (C.G.). The experiment was laid out in Completely Randomized Design in three replications using ten genotypes, viz., Daddy, Eagle, Dreams, Success 360, Mirage, Supercascade, Tritunia Crimson Star, Double Duo, Double Pirouette Rose and Double Glorious. The analysis of variance revealed significant differences for all the characters. The variability was studied among these different genotypes. The highest range as well as highest GCV and PCV was found in number of flowers per plant. High heritability (>60%) was found in almost all characters. High heritability coupled with high genetic gain was also observed in some characters indicating that these characters are most suitable for selective breeding.</p> <p>The title of the article is suitable.</p> <p>The abstract of the article is comprehensive.</p> <p>The manuscript is scientifically correct.</p> <p>Subsections and structure of the manuscript appropriate</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>English quality is suitable</p>	
<p>Optional/General comments</p>	<p>The manuscript is scientifically robust and technically sound.</p> <p>The subject is current, and the results are interesting. I think that with a minimum of extra work, the investigation will be very attractive to readers.</p> <p>MATERIALS AND METHODS</p> <p>What software was used for the analysis?</p> <p>the inclusion of the formulas would make the text more entertaining.</p> <p>In the same way, the inclusion of a couple of figures would facilitate the interpretation of the tables.</p> <p>Ali et al (year????), Najeeb et al. (year????), found that high ...</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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