

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_119837
Title of the Manuscript:	Seed germination and seedling growth of different Adenium hybrids (Adenium arabicum) under Prayagrajagro-climatic conditions
Type of the Article	Original Research 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> <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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> Manuscript may be helpful for upcoming research after some major modifications in material and method, and result and discussion. I think, title of article should be "Evaluation of Adenium Hybrid Performance for Seed Germination and Seedling Growth in Prayagraj Agro-Climatic Conditions" The abstract is not fully comprehensive. While it covers the main results, it lacks essential details about the methods and broader implications of the research. Sub-sections of manuscript is appropriate but structure need more modifications Manuscript is scientifically correct. References are not sufficient, not recent (mostly <2019) and most important thing is references are about those content which is written. References written in manuscript are not related to the content. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The language and English quality of the article need improvement to be suitable for scholarly communication.</p> <ul style="list-style-type: none"> Grammatical errors Inconsistent terminology Stylistic issues 	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> Are there specific hybridization strategies or parental combinations that have led to the development of these highly floriferous varieties? Need clarifications about these conditions. Conditions like: <ul style="list-style-type: none"> The type and composition of the soil used. The watering schedule and frequency. Light exposure (natural sunlight, shade house, etc.). Temperature and humidity conditions during the experiment Why are you using replications in CRD? If there's any difference/variation in genotypic/phenotypic characters among the seeds, variation among experimental material or any other? Please mention here those too. Mention methods used to record and calculate data before subjecting to statistical analysis in material & Methods Section The table you provided seems to contain mean values and standard errors, but the underlying data points for each replicate are missing. Please Validate reference 2 in Result and Discussion Section. Couldn't verify these results by given reference. Why do link your study with other species belonging from different genus in results and discussion section. References number 15, 1, 11, 18, and 12 Under subsection vegetative parameters, modify you statement "Germinated seeds are highly vulnerable to lack of moisture for growth, fire, herbivores, burial under litter, being washed away by rain, and heat on bare soil, and hence up to 90 % of released seed will not make it past the seedling stage were recorded in adenium by [16]". With comparative statement here with your applied/optimum condition ANOVA Table is missing in whole manuscript 	

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	10. Add future aspects of your research and validate how it will be beneficial for others in other regions of world	
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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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