

## Review Form 1.6

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|--------------------------|---|
| Journal Name:            | <b>International Journal of Plant &amp; Soil Science</b>  |
| Manuscript Number:       | <b>Ms_IJPSS_91847</b>   |
| Title of the Manuscript: | <b>Impact of grafting techniques on success rate, survival and growth of different adenium (Adenium obesum) scions under Prayagraj agro-climatic conditions</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.journalijpss.com/index.php/IJPSS/editorial-policy> )

### **PART 1: Review Comments**

|                                     | <b>Reviewer's comment</b>   | <b>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> |
|-------------------------------------|---|--|
| <b>Compulsory</b> REVISION comments | <p>This work was carried out for 5 months from February 2022 to June 2022 in shadenet house, Department of Horticulture, SHUATS, Prayagraj. the experiment was designed according to a fully randomized factorial design (FCRD), using five different adenium hybrids and three different types of grafting techniques. the experiments were replicated three times. the different hybrids used in the experiment are Masai, Cream of My Body, Tangerine, Super Moon, Golden Jublee and the grafting techniques were wedge, split, flat. The results obtained showed that the hybrid Golden Jublee (V5) with flat grafting (G3) was superior in terms of days taken to 1st shoot, percentage of germination, number of shoots and percentage of survival and hybrid Cream of My Body (V2) with flat grafting (G3) was found to be superior in leaf number, shoot length and stem circumference. Therefore, Golden Jublee and Cream of My Body hybrids are suitable for propagation by flat grafting under the agro-climatic conditions of Prayagraj.</p> <p>this work is very original above all as an orientation tool for the choice of farmers. However, a few remarks to raise in this work:</p> <ul style="list-style-type: none"> <li>- In the experimental part I suggest adding a summary table to better understand the combinations used, in addition it is necessary to add a paragraph on the statistical analysis tools used</li> <li>- in the results and discussion part, the results must be presented in the form of a figure and not only tables, the figures allow a more adequate understanding and allow clearer conclusions to be drawn, concerning the discussion part, I am not not really seen a discussion of the results in this paper but just a presentation of the results without discussing them or comparing them with other works besides the number of references is very limited in this paper, this is why I invite the author of the paper to add the discussion part using recent references to better illustrate his work.</li> </ul> |  |
| <b>Minor</b> REVISION comments      |   |  |
| <b>Optional/General</b> comments    |   |  |

### **PART 2:**

|   | <b>Reviewer's comment</b>  | <b>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> |
|---|--|--|
| <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:                            | <b>Kadri Karim</b> |
| Department, University & Country | <b>Tunisia</b>     |