

### Review Form 3

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|--------------------------|--|
| Journal Name:            | <a href="#">Journal of Advances in Biology &amp; Biotechnology</a>   |
| Manuscript Number:       | Ms_JABB_130814   |
| Title of the Manuscript: | STUDIES ON SIMPLE CORRELATION AND REGRESSION COEFFICIENT AMONG PARAMETERS IN JASMINE (Jasminum sambac L.) DURING OFF SEASON PERIOD |
| Type of the Article      | Original Research manuscript   |

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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Review Form 3

PART 1: Comments

|  | Reviewer's comment  | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | This manuscript addresses the critical issue of off-season flowering in <i>Jasminum sambac</i> , a prominent commercial flower crop. By exploring the correlation and regression between growth parameters and yield, it provides valuable insights into enhancing flower yield and concrete content during low-production periods. The findings can aid in optimizing pruning schedules and growth management strategies, directly benefiting jasmine cultivators and researchers in horticulture.   | Noted   |
| Is the title of the article suitable? (If not please suggest an alternative title)   | The current title is descriptive but could be more concise and engaging. Suggested alternative: <b>"Correlation and Regression Analysis of Growth and Yield Parameters in Jasmine (<i>Jasminum sambac</i> L.) During the Off-Season"</b>  | Title revised   |
| 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.      | The abstract is comprehensive but can be improved by clearly highlighting the key findings and their practical implications. Suggestions: <ul style="list-style-type: none"><li>Explicitly mention the impact of pruning schedules on yield.</li><li>Include specific statistical values to emphasize significant results (e.g., "leaf area highly correlated with concrete content, <math>r = 0.856^{***}</math>").</li><li>Avoid redundancy (e.g., phrases like "it could be concluded").</li></ul> | Revision amended  |
| Is the manuscript scientifically, correct? Please write here.  | The manuscript appears scientifically sound, with robust statistical analyses and clear presentation of results. The use of correlation and regression analyses is appropriate for the study objectives. However, including graphical representations (scatter plots or regression lines) would enhance data visualization and interpretation.  | Ok  |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                              | The references are sufficient but could be updated with more recent studies, particularly in the areas of pruning and growth regulation in floriculture. Adding international references related to jasmine cultivation and yield optimization might broaden the scope.   | Effectuated   |
| Is the language/English quality of the article suitable for scholarly communications?  | The manuscript's language is mostly suitable for scholarly communication, but some sentences are overly long and repetitive. Minor grammatical revisions are needed for clarity and conciseness.  | Ok  |
| Optional/General comments  | This paper provides valuable insights into improving jasmine yield during the off-season through correlation and regression analysis of growth parameters. The findings are relevant for horticulturists and jasmine growers, offering practical solutions for yield enhancement. Overall, it is a well-structured and impactful contribution to floriculture research.   | Revision made   |

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> |  |