

### Review Form 3

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_ JABB _128404</b>
Title of the Manuscript:	<b>Growth response of guava (Psidium guajava L.) varieties in containers for urban horticulture</b>
Type of the Article	<b>Research</b>

#### **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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#### 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>
<b>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.</b>	This manuscript provides insights into the growth response of guava varieties in containers, supporting sustainable urban horticulture in space-limited environments. It offers practical solutions for enhancing productivity and serves as a foundation for future research on container-based fruit production systems.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes	
<b>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.</b>	Yes, it needs improvement Revised abstract: Guava ( <i>Psidium guajava</i> L.), prized for its nutritional and economic value, thrives in tropical and subtropical regions, making it a suitable candidate for urban container farming. This study, conducted at the Department of Fruit Science, College of Agriculture, Vellayani, evaluated the growth response of five guava varieties under 80-liter air-pot cultivation. Among the varieties, Arka Mridula excelled in vegetative parameters, including plant height (72.33 cm) and biochemical traits like total chlorophyll (0.98 mg/100g) and reducing sugars (1.84%). Arka Rashmi showed the best reproductive performance, with early flowering (101 days after pruning), maximum flowers (12.33), and optimal canopy spread. These findings highlight the potential of Arka Rashmi for container cultivation, offering a sustainable solution for urban horticulture and food security challenges.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	No, it must be updated with recent references (2019-2024 references).	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes	
<b>Optional/General</b> comments	Introduction- Concise it... Discussion- poor, improve it by adding recent references	

#### 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>
<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:

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