

Review Form 1.6

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| Journal Name: | Current Journal of Applied Science and Technology |
| Manuscript Number: | Ms_CJAST_85423 |
| Title of the Manuscript: | Effect of Calcium and Coating Materials on Quality and Shelf Life of Guava (Psidium Guajava L.) Cv. Allahabad Safeda Under Cold Storage Condition |
| Type of the Article | Original Research Article |

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.journalcjast.com/index.php/CJAST/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) |
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| Compulsory REVISION comments | <p>The paper contains chapters specific to the original research paper. The reviewer suggests that a precise research goal should be stated at the end of the Introduction chapter.</p> <p>The authors presented some of the previous research regarding the treatment that should be used to maintain the Guava fruit after harvest. An experiment was conducted to study the effect of calcium and coating materials on quality and shelf life of guava (<i>Psidium guajava</i> L.) cv. Allahabad Safeda under cold storage condition.</p> <p>During the research, it was found that fruits treated with CaCl₂ 1.0% when coated with coconut oil give the best results. In this case, an extension of the shelf life of up to 20 days was obtained, while minimizing physiological weight loss, spoilage, TSS and strength, while maintaining higher levels of acidity, ascorbic acid, and total sugar. , reducing sugar and non - reducing sugar compared to control (no chemicals and no coatings).</p> <p>Authors cited 15 references. The authors cited the source in each presentation of other people's results. The reviewer has no information on data duplication or plagiarism. The editorial office will test the work on plagiarism using appropriate software.</p> | |
| Minor REVISION comments | <p>The authors used references related to the described problem. Most of the references were published 15-20 years ago. The reviewer believes that authors should read papers dealing with similar issues, which are available on researchgate.net, google, and open source journals.</p> <p>The conclusions follow the previous text.</p> | |
| Optional/General comments | | |

PART 2:

| | 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) |
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| 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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