

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_102426
Title of the Manuscript:	VARIABILITY IN PHYSICO-CHEMICAL FRUIT QUALITY IN DESSERT TYPE OF JACKFRUIT (<i>Artocarpus heterophyllus</i> Lam.) GENOTYPES LOCATED IN FOUR DISTRICTS OF KARNATAKA
Type of the 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://journalijecc.com/index.php/IJECC/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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>=Analysis of variance for 30 characters in 27 type jackfruits revealed a greater variability in the survey zone.</p> <p>=Flake thickness, bulb length and TSS exhibited a considerable amount of variation in number. Fruit weight had a range from 0.91 kg (Type-23) to 9.30 kg (Type-12). The type-12 recorded maximum fruit length (42.00 cm) and fruit breadth (30.40 cm). The bulb color varied from <i>cream</i>(Type-6) to <i>Yellow</i>(12 jackfruit types), <i>light yellow</i>(Eight types) and <i>orange</i>(four types).</p> <p>=The maximum bulb number of 170 was noticed in the type-7. Bulb weight was maximum in Type-12 (5.42 kg) and minimum in Type-23 (0.22 kg). Bulb length showed a range from 8.53 cm (Type-17) to 3.92 cm (Type-23).</p> <p>=Similarly bulb breadth was maximum in Type-13 (5.60 cm) and minimum in Type-5 (3.07 cm) and Type-6 (3.07 cm).</p> <p>=Total Soluble Solids (TSS) content was noticed high in Type-18 (32.38°Brix). The maximum score for crispness was noted Type-4 (4.90) and Type -17 (4.90). Overall acceptability score was higher in Type-10 (4.50).</p> <p>= Type-10 (4.50) was the best and having good score for overall acceptability and other physico chemical parameters studied</p> <p>The title of the article is suitable</p> <p>The abstract of the article is comprehensive</p> <p>Subsections and structure of the manuscript are appropriate</p> <p>The manuscript is scientifically correct</p> <p>The references are sufficient and recent</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English quality of the article suitable for scholarly communications</p>	
<p>Optional/General comments</p>	<p>=The survey work for identifying elite jackfruit type was initiated in the year 2015 jackfruit season.</p> <p>=During 2015 jackfruit season, 27 jackfruit types identified through an extensive survey were spread in 4 districts viz., North Canara (2 types), Chikmagalore (6 types), Tumkur (16 types) and Hassan (3 types).</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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