



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">International Journal of Biochemistry Research &amp; Review</a>                                                 |
| Manuscript Number:       | Ms_IJBCRR_31858                                                                                                             |
| Title of the Manuscript: | Influence of Harvesting Stage on Storage and Nutritional Quality of Tomato ( <i>Lycopersicon esculentum</i> Mill) cv. PKM-1 |
| 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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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| <b>Compulsory</b> REVISION comments | <p><b>Language</b> and style of writing allow understanding of the idea of work. But some sentences should be revised.</p> <p><b>Title of article</b> is well defined but I think more appropriate article is: Influence of Harvesting Stage and Storage Temperature on Nutritional Quality of Tomato (<i>Lycopersicon esculentum</i> Mill) cv. PKM-1</p> <p><b>Abstract</b> is concise and factual.</p> <p>In <b>Introduction</b>, authors give the objectives of the work. More literature review for the changes in biochemical parameters of tomato fruits and storage conditions should be added.</p> <p><b>Materials and methods</b> are well described, and some more details should be provided to allow the work to be more precise.</p> <p>Why the cultivar PKM-1 is chosen? Please give us some description of the cultivar (shape of fruit, average weight of fruit)? Is it new or heirloom genotype?</p> <p>Why the fruits stored at 6°C were wrapped in polythene bag, while the fruits stored at room temperature were placed as a single layer in a paper carton?</p> <p>The total amount of the sample is 1 kg, but which amount you use for each analysis 3<sup>rd</sup>, 6<sup>th</sup> day..?</p> <p><b>Line 66</b> Please write the size of sample used for each biochemical analysis</p> <p><b>Results</b> of this investigations are clear and concise and well interpreted, but the obtained results should be discussed with more literature data.</p> <p><b>Conclusion</b> is clear and based on the obtained results.</p> | <p>I agree with the reviewer. Valuable critical comments have been given by the reviewer for improving the standard of the manuscript. Every line in the manuscript have been reviewed carefully and critically commented.</p> <p>All comments given by the reviewer has been corrected and submitted. Highlighted in yellow.</p> |



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| <p><b><u>Minor</u></b> REVISION comments</p>   | <p><b>Line 16</b> Instead of on storage-during storage<br/> <b>Line 17</b> Instead of Storage –Tomato fruits stored<br/> <b>Line 27-28</b> Revise the sentence it is not clear<br/> <b>Line 42</b> too early or too late? (Something is missing in this sentence?)<br/> <b>Line 48</b> Several studies –please cite some<br/> <b>Line 50-53</b> it should be two sentences instead of one.<br/> <b>Line 70</b> The total phenol content in the test samples was calculated from the standard curve and expressed as mg. ?/ g. sample. Please write<br/> <b>Line 76-78</b> The effect of low temperature on shelf-life and the effect of nutritional quality of several tomato varieties were previously studied (Moneruzzaman et al. 2009; Nour et al. 2014). This sentence should be revised.<br/> <b>Table 1,2</b> in the legend abbreviations SED and CD should be explained<br/> <b>Line 130</b> Ghosh et al. 2014 is not cited in the references<br/> <b>Line 130</b> after chromoplasts should be full stop<br/> <b>Line 150</b> Ali et al. (2010) instead of (Ali et al. 2010).<br/> <b>Line 147</b> decreased from 43.77 mg 100g<sup>-1</sup> to 17.3 and 30.13 mg 100g<sup>-1</sup> when stored at 28 and 6°C respectively<br/> 30.71 and 39.71 are average values.<br/> <b>Line 181</b> Malick CP, Singh M. Plant enzymology and Histoenzymology. Kalyani publishers, New Delhi; 1980. this reference is cited in the text Malik and Singh</p> |  |
| <p><b><u>Optional/General</u></b> comments</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |