

Review Form 3

JournalName:	InternationalJournalof Plant&SoilScience
ManuscriptNumber:	Ms_IJPSS_122399
TitleoftheManuscript:	ExtendingCucumberShelfLife:AComparativeStudyof Low-CostDripCoolingSystemsUsingDifferentFabricCoverings
Typeofthe Article	OriginalResearch Article

Review Form 3

PART1: Review Comments

Compulsory REVISIONcomments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This research focussed on the low cost storage method that can be applied for storage of cucumber in villages by small and poor farmers. This is an approach alternate to cold storage to extend the shelf-life of cucumber. This method is more effective in hot dry areas and less effective in humid conditions. I like this manuscript because it gives information for low cost storage technology applicable to small and poor farmers.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is suitable for the study made	
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 of the article is comprehensive and provides information in brief.	
Are subsections and structure of the manuscript appropriate?	Yes, the subsections and structure of the manuscript are appropriate	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript is scientifically robust as it gives information about innovation of low cost storage technology. This technology can be applied in developing nations for small farmers to store their vegetables for a few days at home or awaiting for marketing.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	In my opinion, the references are many. For this article, if the reference number is within 12-30 is appropriate. Discussion part is lengthy. Once it is clarified, there is no need to describe other work as in a review article. Discussion in each topic can be squeezed to make the article shorter.	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<ol style="list-style-type: none"> 1. Ambient temperature and relative humidity play a critical role on the efficiency of evaporative cooling storage. All kinds of evaporative cooling structures perform differentially at different temperatures and relative humidities. It is necessary to present temperature and humidity data during the storage period (storage condition). If not, provide the information from metrological data: what was the mean temperature and relative humidity during the storage period. If you have recorded, temperature and humidity of storage show the data. This paper will be perfect if you produce the temperature and relative humidity. 2. I suggest including figures or sketches of storage structures for clear understanding. 3. In the introduction on page 2, you have written polyethylene bag storage as one of the evaporative cooling structures. Polyethylene bag storage does not come under evaporative cooling storage. So avoid the yellow highlighted portion. 4. In the materials and methods, you have mentioned, "color change was determined by CR-400 Minolta Chroma meter". Whereas, in the results, no data of these instruments. You have presented the data of visual rating. Correct the confusion. 	
Optional/General comments	This paper is lengthy. It can be a little squeezed to reduce the number of pages. Number of references is a little bit high that can also be reduced. If some are not listed with text, they should be omitted.	

Review Form 3

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>	

Reviewer Details:

Name:	Durga Mani Gautam
Department, University & Country	Agriculture and Forestry University, Nepal