

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_123937
Title of the Manuscript:	Enhancing broccoli yield with efficient water use: A marginal analysis of irrigation and water saving techniques
Type of the Article	Research paper

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	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)
<p>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.</p>	<p>The crop is grown during the winter season when there is the occurrence of low rainfall with high evaporation in the atmosphere. The crop requires a high volume of irrigation water to meet the evapotranspiration demand. Most of the farmers usually follow the conventional furrow method for irrigating the crop which is quite inefficient and renders excessive losses of water and nutrients in deep percolation below the root zone. Besides, the crop experiences adverse effects of cyclic over-irrigation and water stress in several growth stages resulting in poor water and nutrient use efficiencies, depressed crop yield and sub-standard quality of the produce.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>yes</p>	
<p>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.</p>	<p>First line of abstract should be introductory the rational of study after that methodology, results and conclusion with recommendation. Rewrite whole abstract.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Subsections and structure was found not appropriate Introduction part very broad it should concise with latest supporting review and literature.</p>	
<p>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.</p>	<p>This hi-tech irrigation system with proper irrigation scheduling improved crop yield and quality, increased water use efficiency by reducing runoff and evaporation, and safeguarded the ground-water contamination due to less deep percolation</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>No of references are more references before 2000 may be deleted and add recent reference after 2020.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>May improve Paper as such look like in thesis form. Reframe this paper according to scholarly communication</p>	
<p><u>Optional/General</u> comments</p>	<p>Nil</p>	

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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>	

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