

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_112932
Title of the Manuscript:	Impact of different irrigation and fertigation practices on the growth and productivity of Cucumber (Cucumis sativus L.) under protected environment
Type of the Article	Original Research Article

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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ul style="list-style-type: none"> The current research article “Impact of different irrigation and fertigation practices on the growth and productivity of Cucumber (Cucumis sativus L.) under protected environment” can be of great interest to the readers and provides some interesting findings about improving irrigation and fertigation practices for Cucumber crop. The introduction section should be restructured with a well-developed literature review citing latest articles including some facts, critically evaluating their findings and shortfalls. Also, Include importance of the current work in context of climate variability and resource conservation also. Methodology section needs significant improvement for better clarity and comprehension. Ensure that it is detailed and well-structured, making it easier for readers to understand your research approach including statistical analysis used. Add discussion on results obtained with relevant references along with significance of these results for the region, limitations of the current study and future scope of the work. Following papers can be used to support your argument for surface and subsurface drip irrigation systems: Mehla, M. K., Jhorar, R. K., Kumar, S., & Kumar, A. (2022). Effect of Drip Irrigation Frequency and Lateral Spacing on Kharif Onion Crop. International Journal of Agriculture, Environment and Biotechnology, 15(2), 205-212. Kumar, A., Kumar, S., Kumar, N., Singh, A., Mehla, M. K., & Manda, S. (2022). Effect of Irrigation Frequency and Lateral Spacing on Irrigation Water use Efficiency and Productivity of kharif Onion under Subsurface Drip System. Environment and Ecology, 40(3B), 1586-1592. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>Yes, language of the manuscript is good but can be improved further by re-reading and editing.</p>	
<p>Optional/General comments</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>	

Reviewer Details:

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