

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_116318
Title of the Manuscript:	Effect of different thermal regimes and moisture levels on the growth parameters of Wheat (Triticum aestivum L.) crop grown under Agro-Climatic conditions of Eastern Uttar Pradesh
Type of the Article	

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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> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. 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>	<ol style="list-style-type: none"> 1. The article entitled "Effect of different thermal regimes and moisture levels on the growth parameters of Wheat (Triticum aestivum L.) crop grown under Agro-Climatic conditions of Eastern Uttar Pradesh", has fulfilled the terms and conditions from a research point of view, and The research results are useful for measuring the influence of different thermal regimes and humidity levels on wheat plant growth parameters. 2. In my opinion, the title given to the article fulfills the case study being studied. 3. Globally, the description presented in the abstract is good, only an explanation is needed from the statement "Results reveal that Plant height (cm), dry matter accumulation (gm-2) and leaf area index increased significantly at all the stages of crop growth except", and the statement "These findings underscore the importance of carefully managing both temperature and moisture conditions to optimize wheat growth and development. This research contributes to the broader understanding of crop responses to environmental factors and provides valuable insights for agricultural management strategies aimed at improving crop yield and resilience in the face of changing climate conditions.", because this statement has not been described clearly and specifically from the results obtained in the research, especially the results obtained in order to increase research results using the proposed method, it is better to use a percentage value to show the results of the increase good performance of the proposed method compared with other methods or previous research. 4. In my opinion, globally it is good. For the writing structure, please look again at the written structure that has been determined. 5. In my opinion, the manuscript written is scientifically appropriate 6. The references provided are good, you only need comparative references from research that has been carried out by other researchers to be able to determine the novelty of the research carried out. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Please check again as a whole, especially the writing structure, thank you</p>	
<p>Optional/General comments</p>	<p>Reviewer's comment</p> <p>Introductory Part: It would be better if the introduction section shows the steps or stages of the research which are described in the form of a flowchart or work flow. Show the novelty of the research you conducted, as well as its relationship to previous research.</p> <p>Conclusion: Provide a more structured and simpler description that shows that the results of the research carried out are effective. The statement in the conclusion is still too global and does not show a more specific statement of the results of a process carried out in the research, such as the statement "However, there is no evidence of an interaction effect between these factors, indicating that their effects on wheat growth</p>	

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	parameters operate independently of each other", and the statement "These findings highlight the importance of carefully managing both temperature through optimum date of sowing and moisture conditions to optimize wheat growth and development", it is best to use a percentage value to show the superiority of the method produced in the research process compared to the results observations from previous methods or results of previous research.. Thank You...	
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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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