

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_104825
Title of the Manuscript:	AGRONOMIC EVALUATION OF HEAT TOLERANT CHICKPEA (<i>Cicer arietinum</i> L.) CULTIVARS UNDER LATE SOWN CONDITIONS
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:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The research was conducted on the chickpea plant (<i>Cicer arietinum</i> L.), which is a major legume crop commonly known as gram, bengal gram, or chana. It plays a significant role in providing nutrition to millions of people in underdeveloped countries and serves as a valuable source of protein. Chickpea cultivation typically takes place from the 2nd fortnight of October to the 1st fortnight of November in the state of Telangana. However, chickpea planting is often delayed due to the late transplantation of paddy during the Kharif season, the cultivation of long-duration rice varieties, and the higher soil moisture levels resulting from rice harvesting. As a result, fields require an additional 15 to 20 days to reach the optimal soil moisture content for chickpea sowing.</p> <p>This study was carried out by sowing seeds in the early and mid-November, December, and January of the following year, which is considerably later than the usual sowing period. The study aimed to compare plant height, dry matter production, and yield attributes to assess the crop's performance. The results indicated that the optimal sowing time is around early and mid-November, closer to the conventional sowing period in October. It is also possible to sow the seeds later in December, but this would result in a 20% reduction in yield.</p> <p>Title of article is suitable.</p> <p>Abstract is good.</p> <p>Nice</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>In the introduction section, it is necessary to include some images of the chickpea plant (<i>Cicer arietinum</i> L.) to add visual appeal.</p> <p>The materials and methods section should incorporate images capturing the experimental process. This should include a clear description of the different batches of seeds sown at various time points.</p> <p>The results should be presented in the form of charts or graphs for easy comprehension by the readers.</p> <p>The conclusion is currently quite brief. It is essential to provide an explanation for why sowing seeds in early and mid-November is optimal and why delayed sowing leads to lower yields.</p>	

PART 2:

	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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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Reviewer Details:

Name:	Nguyen Quang Trung
Department, University & Country	Vietnam Academy of Science and Technology, Vietnam