

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_116471
Title of the Manuscript:	Screening of onion (<i>Allium cepa</i> L.) genotypes for high yield potential in mid hills region of Himachal Pradesh.
Type of the 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.journaljeai.com/index.php/JEAI/editorial-policy>)

Review Form 1.7

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 manuscript is significant for the scientific community, particularly those involved in agricultural science and plant breeding. The insights into genetic variability and yield potentials of onion genotypes in Himachal Pradesh are valuable for future breeding programs aimed at sustainability and crop improvement. 2- The title of the article, "Screening of onion (<i>Allium cepa</i> L.) genotypes for high yield potential in mid hills region of Himachal Pradesh," is suitable as it clearly reflects the main focus of the research. It is specific, informative, and summarizes the essence of the study well. 3- The manuscript is well-organized with appropriate subsections that logically present the study from introduction to conclusion. This structured approach aids in understanding the research process and the implications of the findings. 4- The methods and statistical analysis appear robust, contributing to the study's scientific validity. However, a deeper review would be necessary to fully validate the scientific methods and accuracy in detail. 5- While the manuscript is generally well-written, some sections could benefit from simplification and clarification to enhance readability. Proofreading by a native English speaker could further refine the language and presentation. 6- The references listed seem to be pertinent and contribute to framing the study within the current scientific context. However, the recency and sufficiency of references might be improved by including more recent studies, particularly from the last three to five years, to ensure that the manuscript reflects the latest developments in genetic variability and breeding of onions. <p>The manuscript could benefit from a section discussing the potential practical applications of the findings in agricultural practices or commercial breeding programs. Consider adding visual elements like charts or graphs in the Results section to better illustrate the genetic variations and yield comparisons among the genotypes. A brief discussion on the limitations of the study and future research directions could enhance the manuscript's value, providing a clearer path forward for subsequent studies.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>The language and English quality appear generally suitable for scholarly communication, maintaining a formal and academic tone, which is essential for scientific manuscripts. However, there are a few areas where improvements could be beneficial: Some sentences in the manuscript are lengthy and complex, which might hinder clear understanding. Simplifying these sentences could enhance readability and ensure that the scientific content is accessible to a broader audience, including those whose first language is not English. There are minor grammatical errors and awkward phrasings scattered throughout the text. A thorough proofreading by a native English speaker or a professional scientific editor would help polish the language and correct these issues. Overall, while the English quality is adequate, addressing these aspects would elevate the manuscript to meet the high standards expected in scholarly communications fully.</p>	
<p>Optional/General comments</p>	<p>I have carefully evaluated the manuscript titled "Screening of onion (<i>Allium cepa</i> L.) genotypes for high yield potential in mid hills region of Himachal Pradesh." Here are my thoughts and recommendations for improving the manuscript: The language used in the manuscript is largely appropriate for scholarly communication. However, there are instances where the clarity and conciseness could be improved. Some sentences are overly complex and could benefit from simplification to enhance readability. I recommend a thorough proofreading by a native English speaker or a professional editor to refine grammar and syntax. The presentation of data in the manuscript could be enhanced by including clearer, more detailed</p>	

Review Form 1.7

	<p>tables and figures. Visual representation of key data points, such as the variability in genetic traits and their correlation with yield, would aid in better understanding and dissemination of the results. The manuscript would benefit from a more detailed discussion on how the findings relate to broader agricultural practices. Specifically, elucidating how these genotypes could contribute to solving global challenges in onion production such as disease resistance, climate adaptability, and improving yields in similar geographic regions.</p> <p>The conclusion section should more explicitly state the implications for future research. Suggestions for how these findings could influence future breeding programs or recommendations for studies examining the commercial viability of these high-yield genotypes would be valuable. Overall, the manuscript provides valuable insights into the genetic variability and yield potential of onion genotypes in Himachal Pradesh, and with the suggested improvements, it could serve as a significant resource in agricultural science and breeding programs.</p> <p>Improvements are needed to simplify complex sentences and enhance readability, ensuring that the scientific content is accessible to a broader audience, including non-native English speakers. Enhance the presentation of data with clear and detailed tables, figures, and possibly graphical representations of the key findings for better clarity and impact.</p> <p>Expand the discussion on how the findings relate to broader agricultural practices and address global challenges in onion production, enhancing the relevance and applicability of the research. Provide more detailed descriptions of the methodologies used, particularly regarding the experimental design and criteria for genotype selection, to improve the manuscript's utility for replication and future research.</p> <p>By addressing these recommendations, the manuscript could significantly improve in quality and relevance, making it a valuable contribution to the field of agricultural science and plant breeding.</p>	
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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)
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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