

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_127844
Title of the Manuscript:	Assessing Genetic Variability and Trait Associations in Chickpea ( <i>Cicer arietinum</i> L.) Germplasm for Targeted Breeding Strategies
Type of the Article	Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### PART 1: 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)
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This manuscript is highly significant to the scientific community as it provides a comprehensive analysis of genetic variability and trait associations in chickpea ( <i>Cicer arietinum</i> L.) germplasm, a crucial pulse crop for global food security. By identifying key genetic factors linked to desirable traits such as yield, drought tolerance, and disease resistance, the study lays the foundation for more efficient and targeted breeding strategies.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title precisely indicates that the study is focused on <i>genetic variability</i> and the <i>association of traits</i> in chickpea, which are key areas in plant breeding and genetics.  Title is ok	
<b>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.</b>	The abstract mentions "key traits that influence yield and other agronomic characteristics," but listing these traits explicitly could provide more clarity. <b>Suggestion:</b> "...focusing on key traits such as yield, number of pods per plant (NPP), biological yield (BY), plant height (PH), harvest index (HI), days to flowering (DTF), and maturity (DTM)."	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The manuscript appears scientifically correct and employs appropriate methods for studying genetic variability in chickpea. The use of established statistical techniques and the selection of relevant traits suggest that the research is methodologically sound.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Add some latest recent references in results and discussion	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Your manuscript communicates important findings and insights, but its language can be improved to meet scholarly standards.	
<b>Optional/General</b> comments		

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

#### Reviewer Details:

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