

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_102861</b>
Title of the Manuscript:	<b>Exploring the Chickpea genotypes through morphological characterization for improved breeding</b>
Type of the Article	<b>Original Research Article</b>

### **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.journalijpss.com/index.php/IJPSS/editorial-policy> )

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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>
<p><b>Compulsory</b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>=The aim of this study is to investigate the morphological characterization of 40 chickpea genotypes, focusing on 20 morphological traits, following the DUS testing guidelines suggested by PPV &amp; FRA, GOI, 2007.</p> <p>=Out of the 20 DUS traits examined, it was found that 5 traits displayed monomorphic pattern, 8 traits exhibited dimorphic pattern, 6 traits showed trimorphic pattern, and the remaining 1 trait demonstrated polymorphic pattern among all the chickpea genotypes.</p> <p>=These results indicate a substantial degree of genetic variability within the studied chickpea genotypes, emphasizing the diverse nature of these traits that can be harnessed for breeding purposes and the potential for developing improved chickpea varieties.</p> <p>The title of the article is suitable</p> <p>The abstract of the article is comprehensive</p> <p>Subsections and structure of the manuscript are appropriate</p> <p>The manuscript is scientifically correct</p> <p>The references are sufficient and recent</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English quality of the article suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>	<p>=Morphological characterization is a valuable approach used to examine observable traits in crop plants, enabling the identification, classification, and understanding of genetic variations within diverse genotypes.</p> <p>=This supports breeders in selecting desirable traits and improving breeding programs</p> <p>-Clear -Describe: DUS -Nice manuscript</p>	

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**PART 2:**

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

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