

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_126279
Title of the Manuscript:	Morphological characterization of cytoplasmic male sterile lines with their respective maintainers in Cauliflower (<i>Brassica oleracea</i> var. botrytis L.)
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION 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)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is valuable for the scientific community, especially for breeders and agronomists focusing on cauliflower improvement. It provides detailed insights into the morphological differences between cytoplasmic male sterile (CMS) lines and their maintainers, which is critical for hybrid breeding programs aimed at developing high-yield and high-quality crops. By highlighting traits such as stalk length, curd polar and equatorial diameters, and days to curd initiation, this study sheds light on how CMS affects growth and productivity. I appreciate the manuscript's thorough approach to characterizing CMS and maintainer lines, as it addresses practical implications for crop selection and breeding efficiency in cauliflower</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title is generally suitable, but for enhanced clarity, consider a more descriptive option such as: "Morphological Characterization and Comparative Analysis of Cytoplasmic Male Sterile Lines and Maintainers in Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i> L.)".</p>	
<p>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.</p>	<p>The abstract is mostly comprehensive, though adding a line about the statistical significance of differences between CMS and maintainer lines could provide a clearer picture of the study's findings and relevance.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure and subsections are appropriate, following a logical sequence for easy comprehension.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript appears scientifically robust and technically sound, as it employs a thorough morphological analysis of CMS and maintainer lines, using statistically significant measures to differentiate key traits. The use of multiple CMS-maintainer pairs strengthens the study, offering a reliable dataset to support its conclusions.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references seem sufficient, but incorporating recent works that explore similar morphological traits in other Brassica crops could further strengthen the discussion.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality is suitable for scholarly communications, maintaining clarity and a formal tone appropriate for scientific literature.</p>	
<p><u>Optional/General</u> comments</p>		

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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>	

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