

Journal Name:	PLANT CELL BIOTECHNOLOGY AND MOLECULAR BIOLOGY
Manuscript Number:	Ms_PCBMB_12521
Title of the Manuscript:	Enhancing Crop Resilience Through CRISPR-Mediated Modification of Defense-Related Genes
Type of the Article	Review 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:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	The manuscript is imp as it reviews CRISPR technology to develop climate-resilient crops for more secure and sustainable food future.	Noted

Is the title of the article suitable? (If not please suggest an alternative title)	yes	Thanks
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.	yes	ok
Are subsections and structure of the manuscript appropriate?	yes	
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.	1.The references should be latest especially from 2022 to 2024. 2.Topics given below should be written in paragraphs 1.Challenges and considerations for CRISPR-engineered crops 2. Future Perspectives and Research Directions	Added
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	no	

Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	no	
Optional/General 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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	