

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_123641
Title of the Manuscript:	Marker assisted selection (MAS) and it's improvement in vegetable crop
Type of the Article	Review Article

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PART 1: Review Comments

Compulsory 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 topic of the manuscript and its contents were excellent. In the past, traditional techniques like cross-breeding were used for the development of hybrid varieties for better quality and quantity purposes but the chances of success rate were very low in traditional breeding. In the present scenario, various tools and technologies were developed for gene manipulation and gene editing according to our desire. This manuscript describes various biotechnological tools for the development of various biotic and abiotic stress-resistant with highly productive varieties by making marker-assisted selection (MAS) and genomic selection (GS) integral to modern breeding.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, The title of the article is suitable.	
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, The abstract of the article is comprehensive. There is no need of addition or deletion.	
Are subsections and structure of the manuscript appropriate?	Yes, The subsections and structure of the manuscript are appropriate.	
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.	There are a few mistakes in the cited references Tanksley 1993. Here there is no mention of a comma after author-name. Yes, This Manuscript represents an overall summary of making marker-assisted selection (MAS) and genomic selection (GS) integral to modern breeding. It has fewer labourers and is easy to develop multiple stress-resistant plants and increased production without the use of pesticides and fertilizer.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are sufficient but there is no present of recent references like 2023 or 2024. If it is possible then you must add some recent references in your manuscript.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language/English quality of the article was good. It is suitable for scholarly communication. Minor revision was required in reference citation and addition of some recent references.	
Optional/General comments	Overall the manuscript was good and the content related to marker-assisted selection (MAS) and its improvement in vegetable crops has a great future aspect.	

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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