

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 (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	Since it's a review article based on MAS with respect to vegetable crop, the literature review by the author could give the readers an over view of work carried out so far in the specific crop. However, the coverage of literature seems to be narrow, if it could cover some more aspects of MAS and its application it could strengthen the article.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	The abstract of the article is comprehensive. However, author has mentioned the role of genomic selection in vegetable crops in abstract but inside except for pepper it has not been discussed anywhere.	
Are subsections and structure of the manuscript appropriate?	In the title it has broadly given as vegetable crop. However, the subsections have been restricted to four crops – tomato, peeper, eggplant and cucumber. Try to justify why it has been restricted to four crops alone	
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.	The literature review of the author for the vegetable crops, could give the readers an over view of the improvements achieved so far in MAS in the specific crop.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	1. While mentioning production, productivity of crop it was mentioned for 2018. Try to include recent literature (atleast for 2022) 2. In tomato, genes are QTLs identified till 2012 was alone reported. No recent reference has been included. 3. In the review paper, the crop has been narrowed to four and the coverage is restricted to biotic stress alone in most of the crops. If it could include more literatures regarding other traits could help the readers understand the overall improvement of MAS in the specific crop	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	English quality of the article is suitable for scholarly communications	
Optional/General comments	1. Include literatures regarding whether any variety have been released through MAS or any genes/QTs have been pyramided so far? 2. Despite the resistance to biotic stress, try to cover some more additional traits.	

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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>	

Reviewer Details:

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