

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_120433
Title of the Manuscript:	Genome Editing Technologies in Agricultural Innovation: Advances and Applications - A Comprehensive Review
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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	<ul style="list-style-type: none"> • Genome editing increase crop yields and quality in terms of resistance to pests and diseases, and nutritional value. • Improved livestock health and productivity which leads to healthier animals with enhanced growth rates, fertility rates, disease resistance, and improved product quality. <p>Genome editing can contribute to developing crops and livestock that are more resilient to climate change, require fewer resources, and have a reduced environmental footprint.</p> <ul style="list-style-type: none"> • Therefore, this review manuscript provides information on the role of genome editing technologies in agriculture 	
Is the title of the article suitable? (If not please suggest an alternative title)	<ul style="list-style-type: none"> • Suggested title: "The role of Genome Editing Technologies in Sustainable Agriculture" 	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	<ul style="list-style-type: none"> • This part lacks the statistics of the driving forces for the utilization of genome editing technologies such global climate change and its impact, global human population increment associated with food demand in figures. 	
Are subsections and structure of the manuscript appropriate?	Good structure	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	<ul style="list-style-type: none"> • Assessment on advanced technology in the field of sustainable agriculture • Create awareness on the plausible solution for the impact of global climate change • Coherent to understand the flow of ideas and content 	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	<ul style="list-style-type: none"> • As far as genome editing technologies have short history, the recentness of references is good. But it would be better to add more references because in some sections of the body it seems fiction. 	
Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments	<ul style="list-style-type: none"> - Rewrite abstract coherently - Add updated references to each subsection - Incorporate the suggested comments in MS manuscript - Interested topic 	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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