

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_122241
Title of the Manuscript:	Advanced technology applications for sustainable agriculture
Type of the Article	Review Article

Review Form 3

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.	I do like this manuscript because it provides an overview of the current state of technology applications in the field of agriculture, key breakthroughs, challenges and pointers in terms of future technology direction. The manuscript adds value to the scientific community because it synthesises the existing body of knowledge, identifies gaps in knowledge and motivates the development of innovations. This aids the dissemination of advanced technologies across disciplines. However, I dislike the grammatical errors in the manuscript that almost make it hardly readable.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable but "Technology for a food-secure future: A review of technology advances in sustainable agriculture." is worth considering by the author.	
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 is not comprehensive. The author did not provide a description of the review methodology/approach employed. The abstract is also a little extended on the applications of technologies in agriculture hence the author needs to summarize these as much as possible. The author needs to write in a manner that reflects patterns, trends and gaps identified across existing literature. In addition, the author needs to make use of short and brief sentences in order to avoid losing the meaning of sentences. The author needs to be explicitly clear on the review's contribution to the field.	
Are subsections and structure of the manuscript 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.	The manuscript comprehensively covers the current state of advanced technology applications although there is need to synthesize the literature in a logically coherent and methodologically sound manner. Technical terms and concepts were appropriately used hence the manuscript is technically sound. However, the author needs to lay bare the implications of advanced technology use for sustainable agriculture ie how each of these technology advancements contributed toward improving soil health, water conservation, ecosystem services conservation and climate change mitigation	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	There is need to add references that justify the contribution of advanced technologies to sustainable agriculture and those that point towards the associated risks so that future innovations will aim to improve on these Bezerra et al., (2024); Zhang & Drury., (2024)	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	There is need for revision of grammar	
Optional/General comments		

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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