

ReviewForm3

JournalName:	JournalofExperimentalAgriculture International
ManuscriptNumber:	Ms_JEAI_122282
TitleoftheManuscript:	Battery-OperatedPowerWeedingMachines:Advancements,Challenges,andFutureProspects
TypeoftheArticle	ReviewArticle

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PART 1: ReviewComments

<u>Compulsory</u> REVISIONcomments	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)
<p>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.</p>	<p>This manuscript is of significant importance to the scientific community as it addresses the growing need for sustainable agricultural practices by exploring the advancements in battery-operated power weeding machines. The focus on reducing manual labor and minimizing environmental impact aligns with current global efforts to promote sustainable farming and reduce reliance on chemical herbicides. The integration of advanced technologies such as lithium-ion batteries and precision sensors in these machines demonstrates a forward-thinking approach to agricultural innovation. I appreciate the manuscript's comprehensive examination of both the technological aspects and practical applications, making it a valuable resource for researchers and practitioners alike.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>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.</p>	<p>Yes</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>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.</p>	<p>This manuscript appears scientifically robust and technically sound due to its comprehensive examination of the design, development, and performance of battery-operated power weeding machines. The use of advanced technologies, such as lithium-ion batteries and precision sensors, is well-supported by current scientific literature, and the manuscript's discussion of field trials and practical applications adds empirical weight to its claims. Additionally, the manuscript's focus on environmental sustainability and reduction of manual labor aligns with established principles in sustainable agriculture, further reinforcing its scientific validity. The thorough review of various studies and the practical integration of these machines into different agricultural settings demonstrate a methodical approach that enhances the manuscript's credibility within the scientific community.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes</p>	
<p><u>Minor</u>REVISIONcomments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p><u>Optional/General</u>comments</p>		

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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>	

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