

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_127014
Title of the Manuscript:	EFFECT OF AQUEOUS AND HYDROALCOHOLIC EXTRACTS OF <i>Hyptis suaveolens</i> (L) POIT. (LAMIACEAE) ON SEEDLINGS OF <i>Zea mays</i> L. (POACEAE), <i>Phaseolus vulgaris</i> L. (FABACEAE) AND <i>Solanum lycopersicum</i> L. (SOLANACEAE), THREE CULTIVATED SPECIES
Type of the Article	

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.	This manuscript is important as it deals <i>Hyptis suaveolens</i> extracts as eco-friendly bioherbicides, offering an alternative to synthetic herbicides for sustainable weed management. Its findings on allelopathic effects could encourage further research into plant-based herbicide options, supporting both agricultural productivity and environmental health.	
Is the title of the article suitable? (If not please suggest an alternative title)	Effect of Aqueous and Hydroalcoholic Extracts of <i>Hyptis suaveolens</i> (L.) Poit. (Lamiaceae) on Seedlings of Three Cultivated Species: <i>Zea mays</i> L. (Poaceae), <i>Phaseolus vulgaris</i> L. (Fabaceae), and <i>Solanum lycopersicum</i> L. (Solanaceae)	
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, this study comprehensively evaluates <i>Hyptis suaveolens</i> extracts for their bioherbicidal effects on common crop seedlings, showing significant mortality rates across species. The findings support its potential as an eco-friendly alternative to synthetic herbicides, advancing sustainable weed management.	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	This manuscript is scientifically robust, applying rigorous methods to evaluate <i>Hyptis suaveolens</i> extracts on multiple crop species, with clear, detailed mortality rate results. The study effectively addresses sustainable weed management by presenting alternatives to synthetic herbicides, making it a valuable contribution to the field.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Add some more recent references	

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Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	<p>Line 15: Change "inhibite" to "inhibit."</p> <p>Lines 31, 33, 34: Use more recent references wherever possible.</p> <p>Lines 56, 73, 74, 82, 83: Replace "was" with "were."</p> <p>Line 57: Add a comma after "aqueous."</p> <p>Line 93: Rewrite to: "In maize seedlings, leaf yellowing was observed with treatments T5, T6, and T7, 48 hours after application."</p> <p>Lines 119, 131, 134: Clarify what "TM" indicates.</p> <p>Discussion section: Consider adding recent references to support the analysis.</p>	

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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