

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_120420
Title of the Manuscript:	"Impact of Plant Essential Oils on Redgram Seed Quality Parameters"
Type of the Article	Original Research Article

Review Form 3

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)
<p>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.</p>	<ul style="list-style-type: none"> • This manuscript addresses an important issue in agricultural science - the preservation of seed quality during storage, particularly for redgram, a crucial protein source in India. • The exploration of plant essential oils as natural alternatives to synthetic pesticides is timely and aligns with the growing demand for eco-friendly agricultural practices. • The study's focus on both seed quality parameters and pest management offers a comprehensive approach that could benefit farmers, seed producers, and researchers in the field of post-harvest technology and integrated pest management. • 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is concise and informative, but could be more specific. Suggestion: Effects of Plant Essential Oils on Seed Quality Parameters of Redgram (<i>Cajanus cajan</i>) During Storage</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is concise but could be more comprehensive. Suggestions for improvement include:</p> <ul style="list-style-type: none"> • Specifying the duration of the study • Adding a brief conclusion on the potential implications of the findings • Mentioning the comparison with the untreated control 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and structure of the manuscript appear appropriate, following a standard scientific paper format. However, a more detailed review of the full manuscript would be needed to fully assess this aspect.</p>	
<p>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.</p>	<p>The manuscript demonstrates scientific robustness through its systematic approach to testing multiple plant essential oils against a chemical control and untreated samples. The use of established seed quality parameters (germination, field emergence, seedling vigor indices) provides a solid foundation for assessing treatment efficacy. The inclusion of both laboratory and field emergence tests enhances the study's practical relevance. The consideration of storage duration (up to four months) adds valuable insight into the long-term effectiveness of the treatments.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>Consider including more recent references, especially for the statistics and pest damage information.</p>	
<p>Minor REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality is generally suitable for scholarly communication, but there are minor grammatical and formatting issues that could be improved. For example, consistent italicization of scientific names and proper formatting of units would enhance readability and adhere to scientific writing standards.</p>	
<p>Optional/General comments</p>	<p>-</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>	

Reviewer Details:

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