

**Review Form 3**

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_124313
Title of the Manuscript:	<b>Standardization of hormone-based seed coating formulation for coriander Dosage and Formulation optimization</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> 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>
<p><b>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.</b></p>	<p>Some importance is like following-</p> <ul style="list-style-type: none"> <li>• Enhancement of Seed Germination.</li> <li>• Sustainable Agricultural Practices.</li> <li>• Addressing Nutrient Requirements.</li> <li>• Mitigation of Biotic and Abiotic Stresses.</li> <li>• Contribution to Medicinal Properties</li> </ul> <p>In summary, this manuscript not only addresses practical agricultural challenges but also contributes to the broader discourse on sustainable practices and the enhancement of crop quality, making it a valuable resource for researchers and practitioners in the field.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Yes But some suitable titles are like-</p> <ul style="list-style-type: none"> <li>• Standardizing Seed Coating Formulations: A Pathway to Improved Coriander Cultivation" This title highlights the standardization process and its significance in enhancing coriander cultivation practices.</li> <li>• "Enhancing Coriander Seed Performance through Hormone-Based Coating Techniques"</li> </ul>	
<p><b>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.</b></p>	<p><b>No suggestions</b></p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>No.</b></p> <ol style="list-style-type: none"> <li>1. <b>There is no prior study mentioned .</b></li> <li>2. <b>Literature part is missing.</b></li> <li>3. <b>Methodology section must be explained thouroughly</b></li> <li>4. <b>Results need to be explained pricisely</b></li> </ol>	
<p><b>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.</b></p>	<p><b>The manuscript appears to be scientifically sound based on the provided contexts. Here are a few points that support its scientific correctness:</b></p> <ul style="list-style-type: none"> <li>• <b>Focus on Seed Coating:</b> The study emphasizes the importance of seed coating, which involves applying exogenous materials like nutrients and plant growth regulators to enhance seed germination and seedling growth. This aligns with established agricultural practices that recognize the benefits of seed treatments for improving crop performance</li> <li>• <b>Methodology:</b> The research employs a Completely Randomized Design for its experiments, which is a standard approach in agricultural research to ensure unbiased results. This methodological rigor is essential for validating the findings</li> <li>• <b>Experimental Conditions:</b> The germination tests are conducted under controlled conditions, including specific temperature and humidity levels, which are critical for accurate assessment of seed performance. This attention to detail in experimental design supports the reliability of the results</li> <li>• <b>Source of Materials:</b> The use of specific coriander seed varieties and a defined polymer source (TNAU Vidhai Amirtham) for the experiments adds credibility to the research, as it ensures that the results are based on well-characterized materials</li> </ul>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p><b>Yes</b></p>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	Many of the part is not really understandable. Like in method part , contents need to be explained in good way	
<b>Optional/General</b> comments	Some important parts like literature survey is missing. Methodology section must be explained with proper related diagram .	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### **Reviewer Details:**

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