

## Review Form 1.7

Journal Name:	<b>Journal of Experimental Agriculture International</b>
Manuscript Number:	<b>Ms_JEAI_109238</b>
Title of the Manuscript:	<b>Appraising the Biochemical Responses in Wheat (<i>Triticum aestivum</i> L.) Seedlings under Various Seed Treatments</b>
Type of the Article	<b>Original Research Article</b>

### **PART 1: Review Comments**

	<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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p><b>Yes, this study explains the effect of pesticides and biofertilizers on the enzymatic activities in seedlings of wheat (<i>Triticum aestivum</i> L.) varieties.</b></p> <p><b>Yes</b></p> <p><b>Yes, but few explanations must be provided (mentioned in the MS) like how treatment materials were applied to the seed- dry treatment or priming</b> <b>Yes</b></p> <p><b>Yes, but the result needs further explanations (mentioned in the MS). There is no mention regarding any difference between varieties for the parameters studied, also about the differences between old and new seed lots, if any.</b></p> <p><b>In the results and discussion, there are only seven references, hence few more relevant references are needed. Reference for CAT and POX determination are also needed.</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Introduction is written very nicely but result and discussion part needs much improvement.</p>	
<p><b>Optional/General</b> comments</p>	<p>Below are the few modifications that have to be made by the author/s</p> <ol style="list-style-type: none"> <li>1. All the modifications that must be made are provided in the manuscripts itself in comment boxes</li> <li>2. Text in green should be included</li> <li>3. Text in red and crossed should be deleted</li> <li>4. What method is used to treat the seed should be explained.</li> <li>5. Please mention the full form of abbreviations used in the tables.</li> </ol>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>  No	

**Reviewer Details:**

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