

## Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_100590
Title of the Manuscript:	Growth, yield and biochemical qualities of spinach ( <i>Spinacia oleracea</i> ) as influenced by the foliar application of chitosan
Type of the Article	Original Research Article

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljeai.com/index.php/JEAI/editorial-policy> )

### PART 1: Review Comments

	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)
<p><b>Compulsory REVISION</b> comments</p> <ol style="list-style-type: none"> <li>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</li> <li>2. Is the title of the article suitable? (If not please suggest an alternative title)</li> <li>3. Is the abstract of the article comprehensive?</li> <li>4. Are subsections and structure of the manuscript appropriate?</li> <li>5. Do you think the manuscript is scientifically correct?</li> <li>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes, the study on foliar application of Chitosan is appropriate to help further understand how plants can produce own defense enzymes following the growing rate of environmental pollution that influences plant growth and yield.</p> <p><b>The title is acceptable. This could also be considered: Physio-biochemical qualities of spinach (<i>Spinacia oleracea</i>) leaves parts as influenced by the foliar application of chitosan</b></p> <p>What happened to T4 = 250 ppm chitosan solution, and T5 = 300 ppm chitosan solution treatment? ...it should be included in the abstract.it seems to report more on the biochemical qualities Otherwise,the abstract is okay.</p> <p>Yes....The methodological sequence appears reproducible.</p> <p>The references with 2004, 2007 and 2008 appears to old are there not more recent references with similar contents? Find possible replacement. Meanwhile, why did you not use the APA Style?</p>	
<p><b>Minor REVISION</b> comments</p> <ol style="list-style-type: none"> <li>1. Is language/English quality of the article suitable for scholarly communications?</li> </ol>	<p>Yes , its suitable. Key concepts were clearly communicated.</p>	
<p><b>Optional/General</b> comments</p>	<p>The findings when applied on a large scale could create new possibilities for developing nutrient-dense and climate change resistant food from plants while at the same time preserving soil ecology and the environment as a whole</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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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