

**Review Form 3**

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_126427
Title of the Manuscript:	<b>PGPR-INDUCED BIOCHEMICAL DEFENSE MECHANISMS FOR LEAFHOPPER (AMRASCA DEVASTANS) MANAGEMENT IN OKRA CULTIVATION</b>
Type of the Article	<b>Original Research Article</b>

### Review Form 3

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

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<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>		
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>		
<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>		
<b>Are subsections and structure of the manuscript appropriate?</b>		
<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>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> -		

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>	<p>The author has done wonderful work but need to address/answer the followings:</p> <ol style="list-style-type: none"> <li>1- Need to add at the end of introduction, what was the purpose of this study and what is the hypothesis of this study.</li> <li>2- Why only okra hybrid COBh 4 was used in this study. Why not other hybrids or OPV.</li> <li>3- Talc formulations (containing <math>1 \times 10^8</math> cfu/g) of each strain were applied at a rate of 10 g/kg of seed. Is it recommended internationally or enforced by the University. What was the effect of above or lower Talc??</li> <li>4- How phenolic contents were measured? Name and model of instrument??</li> <li>5- You mentioned that the activity of defense enzymes,             <ul style="list-style-type: none"> <li>including peroxidase,</li> <li>polyphenol oxidase,</li> <li>phenylalanine ammonia-lyase,</li> </ul>             significantly increased across all PGPR treatments at 72 hours after foliar application compared to untreated plants.             <p>What were the values of untreated plants. Did you measure that. Without measuring, how can you say these activities were increased???</p> </li> <li>6- Further, pictures of treating seed, foliar and soil application of PGPR are not the article. Plants and field pictures should be added to support the claims.</li> </ol>	

**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>	

**Reviewer Details:**

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