

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_127239
Title of the Manuscript:	Effect of <i>Burkholderia glumae</i> on seed germination and root length and shoot length of rice (<i>Oryza sativa</i> L.) under control conditions
Type of the Article	

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)
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.	This is an interesting article. This study observed bacterial involvement in plant germination and growth. The bacteria named <i>Burkholderia glumae</i> is a Gram-negative, soil-borne, betaproteobacterium.	
Is the title of the article suitable? (If not please suggest an alternative title)	No, you can use <u>Screening the effect of <i>Burkholderia glumae</i> on seed germination and seedling growth of rice (<i>Oryza sativa</i> L.)</u>	
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.	Delete "It is observed that the pathogen enters the plant through contaminated seeds and environmental sources of the microbe" Add a conclusion sentence in the abstract.	
Are subsections and structure of the manuscript appropriate?	Delete this "Keeping this view in consideration it was decided to work on the disease with the following objectives: Effect of <i>B. glumae</i> on seed germination and root length and shoot length under control conditions. Screening of different varieties against bacterial panicle blight of rice under glasshouse conditions." Rewrite the objective This study aimed to observe the effect of <i>B. glumae</i> on seed germination as well as root and shoot formation under controlled conditions after considering the literature review. In Result Subheading Instead of " Effect of bacterial infection on normal seedling, abnormal seedling, seed rot and un-germinated seeds in different seed categories in blotter test" add "Effect of bacterial infection on seed germination" Instead of " Effect of <i>bacterium</i> on root length and shoot length in different varieties" add "Effect of <i>bacterium</i> on root and shoot growth in different varieties"	

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<p>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.</p>	<p>You can add the “average” of germination, shoot, and root length measurement with “Error Bars”.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Reference should be checked there is no reference found in the reference list of FAOSTAT, 2012. Citation should be checked carefully.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>No, there are a lot of basic grammatical mistakes present.</p> <p>Check appropriate preposition For example, line 83 “at the departments” is incorrect (in the departments), check the full document.</p> <p>Check singular and plural forms. For example, in line 101 “seedling” is incorrect (seedlings), check the full document.</p> <p>Check verb, A lot of mistakes were observed. For example, in line 105 “compare” is not correct (compared), check the full document.</p> <p>Determiner In line 105, add the same, check the full document.</p> <p>Italic In line 165, B. glumae</p>	
<p><u>Optional/General</u> comments</p>		

PART 2:

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

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