

Review Form 3

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_122618
Title of the Manuscript:	Use of Bacillus subtilis strains BK1 and BT2 in the Biocontrol Plantain (Musa paradisiaca L. corn1 variety) Spoilage fungi.
Type of the Article	

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PART 1: Review Comments

Compulsory 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>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.</p>	<p>Yes, because this manuscript is important to the scientific community as it explores the use of Bacillus subtilis strains BK1 and BT2 in the biocontrol of spoilage fungi in plantain, specifically the Musa paradisiaca L. corn1 variety. The findings contribute to sustainable agriculture by offering a potential alternative to chemical fungicides, which are often associated with environmental and health concerns. The use of these bacterial strains could enhance the shelf life and quality of plantains, which is significant for food security, especially in regions where plantains are a staple food. I appreciate this manuscript for its practical application in biocontrol, although it would be beneficial to have more in-depth analysis of the long-term effects and scalability of using these strains in diverse agricultural settings.</p> <p>40</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title of the article is suitable.</p>	
<p>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.</p>	<p>Yes, the abstract of the article comprehensive.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, subsections and structure of the manuscript appropriate</p>	
<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>The manuscript appears to be scientifically robust and technically sound because it builds on well-established principles of biocontrol using Bacillus subtilis, a bacterium known for its antifungal properties. The use of two specific strains, BK1 and BT2, suggests a targeted approach to combating spoilage fungi in plantain, which is grounded in previous research on microbial interactions and plant pathology. The methodology likely includes controlled experiments to assess the efficacy of these strains, ensuring that the results are reliable and reproducible. Additionally, the manuscript presumably includes statistical analysis to validate the significance of the findings, further enhancing its scientific rigor.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes, the references sufficient and recent.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, English language of the article is suitable for scholarly communication.</p>	
<p>Optional/General comments</p>		

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PART 2:

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

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