

Review Form 3

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_123198
Title of the Manuscript:	Improving sorghum (<i>Sorghum bicolor</i> L.) production by using <i>Azospirillum</i> sp. AZ6 and <i>Trichoderma harzianum</i> T4-based biostimulants
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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)
<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>The manuscript entitled, “Improving sorghum (<i>Sorghum bicolor</i> L.) production by using <i>Azospirillum</i> sp. AZ6 and <i>Trichoderma harzianum</i> T4-based biostimulants” is very important for the scientific community and agriculture point of view looking at the soil degradation and environmental issues which arise as a result of over-exploitation of synthetic fertilizers, their fate and overall negative impact to the soil and the ecosystem. I recommend this work because it brings bio-stimulants into agro-ecosystem as to transition from the use of synthetic or chemical fertilizers to sustainable agricultural solutions through eco-friendly and natural-based solutions. However, the authors should highlight and fit in the soil degradation into the statement “The use of chemical fertilizers to increase production has led to contamination of groundwater and surface water, harming fish and wildlife. This has led to increased agricultural dependence on fossil fuel resources. It is therefore necessary to develop an effective alternative method to sustainably improve agricultural production while reducing the use of chemicals that have shown their limitations [13],” from the introduction part of the present manuscript.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, it is suitable. However, it can be modified as indicated by me in the manuscript.</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 is comprehensive. However, I have suggested for the addition of 1-2 sentences to highlight the problem and the contribution made by the present work to address the problem.</p> <p>I have also suggested the authors to modify the abstract with the subheading as; objectives, methodology, results and conclusion. Full comments to be addressed are mentioned in the manuscript.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes. However, suggestions are raised in the manuscript and authors should address them adequately.</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 has got all the components that a scientific manuscript should have and all the descriptions, objectives are entailed in it. However, the gap to be filled is not well explained and authors should mention with justification. Overall, the manuscript is sound and technical scientifically and for agriculture point of view looking at the soil degradation and environmental issues which arise as a result of over-exploitation of synthetic fertilizers, their fate and overall negative impact to the soil and the ecosystem. Thus, the mmanuscript seeks to address these issues with natural based solutions through the use of soil microbial products.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>References are ok. However, they should be cited properly in the body of the text within the manuscript. Authors should address the comments accordingly as I have suggested in the manuscript.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Authors should improve the quality of English in future submissions. General language mistakes are corrected by me in the manuscript.</p>	
<p>Optional/General comments</p>	<p>Authors should address all the comments marked in the manuscript and re-submit the revisions with justifications.</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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