

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_124997
Title of the Manuscript:	In vitro efficacy of different fungicides and bioagents for management wilt of watermelon [Citrullus lanatus] incited by Fusarium oxysporum f. sp. niveum
Type of the Article	

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PART 1: Review Comments

<u>Compulsory</u> 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>The research on Fusarium wilt of watermelon is significant due to its economic impact, as the disease can severely reduce yields and profitability for growers. Evaluating multiple fungicides and bioagents provides valuable insights into effective management strategies against Fusarium oxysporum f. sp. niveum. The findings, particularly the complete inhibition of mycelial growth by certain fungicides and the effectiveness of Trichoderma harzianum, contribute to developing integrated pest management practices. This study addresses a critical agricultural challenge, enhancing the sustainability and productivity of watermelon cultivation.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>YES</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</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>YES</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 study on Fusarium wilt of watermelon demonstrates scientific robustness through its comprehensive evaluation of multiple fungicides and bioagents, thoroughly analysing their efficacy against Fusarium oxysporum f. sp. niveum. Using two different concentrations for each treatment ensures that the results are statistically significant and reliable, allowing for clear comparisons between the effectiveness of the agents tested. Additionally, the findings that certain fungicides ultimately inhibit mycelial growth, alongside the identification of Trichoderma harzianum as the most effective bioagent, contribute valuable insights that can inform practical management strategies for this economically important crop. The research is technically sound, adhering to rigorous experimental methods and yielding actionable results for agricultural practices.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Out of 12 references, 33% (4 references) are recent, 42% (5 references) are older, and 25% (3 references) are obsolete. This indicates an opportunity for improvement in selecting more current and relevant sources.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	
<p><u>Optional/General</u> 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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