

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_121880
Title of the Manuscript:	Scenario of Bacterial Leaf Blight of Rice Caused by Xanthomonas oryzae pv. oryzae in Major Rice Growing Areas of Andhra Pradesh
Type of the Article	Original Research Article

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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>Rice is one of the oldest crops in the world and provides food for more than half of the world's population, with global production being 503.27 million tonnes, with India's production being approximately 124 million tonnes in the year 2022-2023. One of the worst diseases of this crop is bacterial leaf blight caused by the bacterium <i>Xanthomonas oryzae</i>, which can cause yield losses of up to 70-90% in grain production.</p> <p>The manuscript aims to investigate the occurrence of this disease and the distribution of pathotypes. Considering that rice (<i>Oryza sativa</i>) is a very important crop for food security, I believe that the manuscript has humanitarian and scientific relevance, as the study provides a more detailed and accurate estimate of the occurrence of the disease (bacterial leaf blight) and shows the prevalence and distribution of pathotypes of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in Andhra Pradesh.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>I believe that the title should mention the scientific name of rice:</p> <p>Suggestion: Scenario of Bacterial Leaf Blight of Rice (<i>Oryza sativa</i>), Caused by <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in Major Rice Growing Areas of Andhra Pradesh.</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 manuscript contains all the information needed to become a relevant article.</p> <p>The Abstract contains all the information from the text; in the Introduction, the authors give an overview of the disease problem and show its occurrence and agroclimatic zones of rice cultivation with figures.</p> <p>In the Material and Methods, the authors show how the research was carried out.</p> <p>Results and Discussion: The manuscript shows illustrative figures of how the bacteria were inoculated, the symptoms of the disease on the rice leaves, the disease incidence graph and discusses these results with studies by other authors.</p> <p>In the conclusion, the authors conclude that new additional studies on the identification of the pathotype and its distribution in the region are necessary and suggest that to solve the problems in the development of rice cultivars resistant to the bacterium <i>Xanthomonas oryzae</i> pv. <i>Oryzae</i>, it would be necessary to implement and incorporate new combinations of Xa genes for effective management against this pathogen.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are <u>not</u> up to date, with only 47% being less than 10 years old!</p>	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	The manuscript is about the study of an important crop (<i>Oryza sativa</i>), and has scientific relevance, since all the goals were met. The references are outdated, with only 47% being LESS than 10 years old. However, in my opinion, it is for APPROVAL, since the manuscript presents all the conditions for publication.	

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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	No ethical issues

Reviewer Details:

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