

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_116386
Title of the Manuscript:	Roving Survey of root rot disease (Fusarium solani f. Sp. pisi) of pea in Rajasthan
Type of the Article	

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> Yes, the manuscript on root rot disease in pea crops caused by <i>Fusarium solani</i> f. sp. pisi is important for the scientific community. It provides valuable insights into the prevalence and distribution of a significant pathological concern affecting pea cultivation in Rajasthan, India. By documenting the disease incidence across different districts and tehsils, the manuscript contributes to our understanding of the spatial dynamics of root rot disease, which is essential for devising effective disease management strategies. The title "Roving Survey of root rot disease (<i>Fusarium solani</i> f. Sp. pisi) of pea in Rajasthan" effectively communicates the main focus and scope of the research. Yes, the abstract of the article provides a comprehensive overview of the research conducted on root rot disease in pea crops caused by <i>Fusarium solani</i> f. sp. pisi in Rajasthan during the Rabi season of 2021-22. It effectively summarizes the key findings, including the significant incidence of root rot across surveyed districts, the methodology employed in the survey, and the implications of the research for disease management strategies. Yes Yes, the manuscript appears to be scientifically correct. The research methodology involves a systematic survey conducted across different districts and tehsils of Rajasthan during the Rabi season of 2021-22. Data on root rot disease incidence caused by <i>Fusarium solani</i> f. sp. pisi were collected and analyzed, and the findings were presented clearly, including the average disease incidence across surveyed districts, variation in incidence by district and tehsil, and soil types prevalent in the surveyed areas. The manuscript provides a solid foundation with its current references, but it could benefit from the inclusion of more recent studies. <p>Here are some additional suggestions/comments for the manuscript:</p> <ul style="list-style-type: none"> ✓ Graphical Representation: Consider incorporating visual aids such as graphs, charts, or maps to enhance the presentation of data. Visual representations can help readers quickly grasp the spatial distribution of root rot disease incidence across different regions of Rajasthan and facilitate a deeper understanding of the findings. ✓ Statistical Analysis: Provide more details on the statistical methods used to analyze the data, including measures of variability and significance testing. This would add rigor to the research findings and increase confidence in the reported results. ✓ Acknowledge any limitations or potential biases in the study methodology and data collection process. Addressing limitations transparently demonstrates the researcher's awareness of potential confounding factors and strengthens the overall credibility of the study. ✓ Include a section discussing potential avenues for future research based on the findings of the current study. ✓ Discuss the practical implications of the research findings for farmers, agronomists, and policymakers. How can the insights gained from this study be translated into actionable strategies to mitigate the impact of root rot disease on pea crop productivity in Rajasthan? 	<p>Thank you for your feedback regarding the manuscript. I appreciate your suggestion to include more recent studies to strengthen the foundation of our work.</p> <p>Additional suggestions/comments for the manuscript</p> <ol style="list-style-type: none"> In response to your comment, we have included a graph to represent our data effectively. The graph provides a visual representation of the geographical distribution of disease incidence In response to your comment, we want to clarify that for this study, we utilized the mean method for data calculation. We acknowledge the importance of rigor in statistical analysis and understand your concern regarding measures of variability and significance testing. However, due to the nature of our dataset and the specific objectives of our study, we deemed the mean method appropriate for our analysis.

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Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Please ensure thorough proofreading to address grammatical or syntactical errors and enhance clarity for readers.	
Optional/General comments	Consideration of future research directions could enrich the discussion section, providing insights into areas for further investigation.	

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?	(If yes, Kindly please write down the ethical issues here in details)	