

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_123648
Title of the Manuscript:	Assessment on the Prevalence of Wilt of Lentil in Different Districts of Uttar Pradesh
Type of the Article	Scientific Survey article

Review Form 3

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>The comprehensive field survey conducted during the rabi seasons of 2018-19 and 2019-20 holds significant importance:</p> <ol style="list-style-type: none"> Understanding Disease Prevalence: The survey provides crucial insights into the incidence of wilt in lentil crops across various districts of western Uttar Pradesh. This helps in identifying the severity of the disease and regions most affected, allowing for better-targeted interventions. Regional Variation: By highlighting the variation in disease incidence, ranging from 9.37% to 38.47%, the study identifies districts with high disease prevalence, such as Aligarh and Bulandshahr, where the disease poses a severe threat to crop yield. Supporting Farmers: The findings of the survey help inform farmers in affected regions about the risks of wilt, enabling them to adopt suitable crop management practices to mitigate losses. 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<ol style="list-style-type: none"> Incidence and Variation of Wilt Disease in Lentil: A Field Survey Across Western Uttar Pradesh Field Survey on Wilt Disease in Lentil Crops: Assessing Incidence Across Districts of Western Uttar Pradesh 	
<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>A comprehensive field survey was conducted during the rabi seasons of 2018-19 and 2019-20 to assess the incidence of lentil wilt across farmer fields in various districts of western Uttar Pradesh. The two-year pooled data revealed significant variation in wilt incidence across the surveyed districts, with disease incidence ranging from 9.37% to 38.47% and an overall average of 23.74%. Wilt was observed in every village across the ten districts, with Aligarh recording the highest incidence (38.47%), followed by Bulandshahr (34.83%). In contrast, the lowest incidence was noted in Muzaffarnagar (9.37%), followed by Saharanpur (11.86%) and Bijnor (14.56%). This variation highlights the need for region-specific management strategies to control the spread of lentil wilt.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, it is according to survey guidelines</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 is scientifically robust and technically sound for several reasons:</p> <ol style="list-style-type: none"> Comprehensive Data Collection: The study is based on a two-year field survey, covering a wide geographic area across ten districts of western Uttar Pradesh. The comprehensive nature of the data ensures that the findings are representative of the region, providing a clear picture of the lentil wilt incidence over two growing seasons. Relevance to Agricultural Practice: The study's findings have practical implications for farmers and agricultural authorities, as they provide an evidence-based understanding of wilt distribution. This can guide the implementation of localized control measures, contributing to more sustainable lentil cultivation in affected regions. Scientific Methodology: The methodology used, including systematic field surveys and consistent data collection across two seasons, ensures the credibility of the results. The study's design allows for the replication of its findings in future research, adding to its scientific robustness. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Some recent reference should be included</p>	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	yes	
<u>Optional/General</u> comments	Some of the photographs of Fusarium wilt of lentil with geo tag must be added to manuscript	

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>	

Reviewer Details:

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