

**Review Form 1.7**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_114372</b>
Title of the Manuscript:	<b>Occurrence of pea root rot in different regions of Himachal Pradesh and identification of pathogen associated with disease</b>
Type of the Article	<b>Research Article</b>

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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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>T1. he manuscript has good findings and needs improvement for further advancement</b></p> <p><b>2. Yes suitable</b></p> <p>3. The abstract needs many improvements</p> <p>4. Yes, they are good and I suggest revising it for improvement</p> <p>5. Manuscript does not doubt scientific standards</p> <p>6. reference not sufficient I recommend enhancing the citations, in introduction, methodology and results, and discussion</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	Needs correction	
<p><b>Optional/General</b> comments</p>	<p>-Please, remove the additional information like College, department, and other words which not relevant to appear in the abstract. please add a highlight of a specific target or objective. Try to address the following issues thoroughly,</p> <p>-Study's scale and sample, <b>quantification</b> of the economic impact of pea root rot, <b>Context</b> regarding the discovery of Fusarium solani f. sp. pisi and its virulence compared to other pathogens.</p> <p>-<b>Clarification</b> on the diseases included in the pea root rot/wilt complex.</p> <p>-<b>The global significance</b> of the local findings in the context of worldwide research.</p> <p>-<b>Methodological details</b> of the pathogenicity tests, including controls and setup.</p>	
	<p>The introduction looks like an abstract you should include;</p> <p>- A more detailed literature review, a clearer statement of the research gap and objectives, a brief methodological overview, and a highlight of the significance and practical implications of the</p>	

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	findings.	
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	<p>Please address the following issues on your methodology;</p> <ul style="list-style-type: none"> <li>i) The study relies on only five random observations within 1.0 m<sup>2</sup> quadrants, which may not provide a comprehensive representation of the disease prevalence across different regions.</li> <li>ii) Preserving diseased plants in paper envelopes for transport risks further spread of the disease and may compromise the integrity of the samples.</li> <li>iii) A brief 15-second sterilization using a 1.0% sodium hypochlorite solution followed by rinsing may not be sufficient to eliminate all contaminants, potentially affecting the purity of the cultures.</li> </ul> <p>The specific incubation conditions (26±1°C) in the BOD incubator may not be optimal for all pathogens, possibly leading to selective growth and not reflecting the full diversity of the disease-causing agents</p>	
	<p>please provide relevant informatio on the following issues,</p> <ul style="list-style-type: none"> <li>i) <b>High Incidence Rates</b>,the study reports extremely high disease incidence in certain locations, with the highest being <b>75.2%</b> in Bir. why?</li> <li>ii) <b>Variability Across Regions</b>, there is significant variability in disease incidence across different districts, I guess there are additional factors contributing to vulnerability or error in data collection or management.</li> <li>iii) <b>Need for Further Research</b>, the results underscore the necessity for further research to understand the causes of such high incidence rates and to develop effective control measures, why?</li> </ul>	
	<p><b>5. Conclusion</b></p> <p>should be revisited, there is a lack of depth and, a missing summary of key findings, recommendations or applications, and future research directions.</p> <p>-</p>	
	<p>Check reference format and citations based on the journal author's guidelines</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Gezimu Gelu Otoro</b>
Department, University & Country	<b>Kitami Institute of Technology, Japan</b>