

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_115603
Title of the Manuscript:	Machine Learning models in detection of diseases in Blackgram (Vigna mungo L.): Case Study
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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, Because Image data sets were collected from Thanjavur block, Thanjavur district, Tamil Nadu as mentioned by the authors. Can be useful as the real time images are considered that already existing one.</p> <p>Detection of diseases in Blackgram (<i>Vigna mungo</i> L.) using Machine Learning models: A Case Study</p> <p>Yes</p> <p>Yes</p> <p>Yes, To the best of my knowledge as it appears.</p> <p>At least 3 reference papers may be added and cited in the relevant topic of the year 2023.</p> <p>Figure 3. Random Forest Classifier for Blackgram images (more clarity in image is expected)</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Figure 4. Confusion matrix for blackgram leaf disease (more clarity in image is expected)</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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