Review Form 3

Journal Name:	**Journal of Scientific Research and Reports**
Manuscript Number:	**Ms_JSRR_130705**
Title of the Manuscript:	
	Deep learning-based multi-class pest and disease detection in agricultural fields
Type of the Article	**Original Research Article**

<mark>**PART 1:**</mark> **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)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript focuses on applying deep learning techniques for multi-class pest and disease detection in agricultural fields, presenting a significant advancement in agricultural technology. The manuscript highlights challenges like class imbalance and increased complexity with multi-class problems and proposes effective mitigation strategies. Its relevance to global food security and sustainable agriculture underscores its importance for the scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is precise and aligns with the research content. It clearly reflects the study's objectives. However, the title will be more suitable as "AI-based Multi-Class Pest and Disease Detection in Agriculture Using Deep Learning Models"	
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.	The abstract is comprehensive, outlining the problem, methodology, key findings, and implications. It effectively highlights the models used and their performance. No major changes are necessary.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically robust, detailing methodology, dataset preparation, and the performance evaluation of models	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient, recent, and well-cited.	
Is the language/English quality of the article suitable for scholarly communications?	The manuscript uses scholarly language, but minor grammar and phrasing issues are present. Suggested revisions: - Avoid redundancy (e.g., repeating "Vision Transformers and ResNet" frequently without additional insights). - Ensure consistent use of tense.	
Optional/General comments		

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	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)*	

Reviewer Details:

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