

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_129259
Title of the Manuscript:	Revolutionizing Citrus Health: AI-Based Detection of Greening Disease and Nutrient Deficiencies in Sweet Orange
Type of the Article	State-of the art technology for agricultural sectors.

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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>
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 is highly significant for the scientific community as it addresses the pressing challenges of food security and sustainable agriculture by leveraging Artificial Intelligence (AI) techniques. By focusing on the detection of citrus greening disease and foliar nutrient deficiencies in sweet orange, it offers a novel approach to improving plant health monitoring, a critical area for increasing crop yields and reducing environmental damage caused by excessive pesticide use. The study's integration of advanced Convolutional Neural Network (CNN) architectures, such as VGG-16, highlights the potential of AI in achieving high accuracy in disease and nutrient deficiency detection, paving the way for more efficient and precise agricultural practices. Its findings provide a valuable framework for further research and real-world applications in smart farming, contributing to the global push towards sustainable food production.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
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.	Please specify the major contribution in this work.	
Is the manuscript scientifically, correct? Please write here.	Yes.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Reference is not enough here. Should add atleast 8 more latest related references.	

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Is the language/English quality of the article suitable for scholarly communications?	Yes.	
Optional/General comments		

PART 2:

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

Reviewer Details:

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