

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_124825
Title of the Manuscript:	AI-based techniques for comprehensive crop nutrition assessment: A review
Type of the Article	Review

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:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Due to its comprehensive information's	
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.	yes	
Are subsections and structure of the manuscript appropriate?	yes	
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.	Due to the coverage AI techniques	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	Yes, I suggest citing these references: 1) Abdulwahhab, Ali H., et al. "Detection of epileptic seizure using EEG signals analysis based on deep learning techniques." <i>Chaos, Solitons & Fractals</i> 181 (2024): 114700. 2) H. Thary Al-Ghraiiri, A. Abdulwahhab Mohammed, and E. Z. Sameen, "Face detection and recognition with 180 degree rotation based on principal component analysis algorithm," <i>IAES International Journal of Artificial Intelligence (IJ-AI)</i> , vol. 11, no2, pp. 593–602, Jun. 2022, doi: 10.11591/ijai.v11.i2.pp593-602. 3) H. T. Al-Ghraiiri, E. K. Hassan, and H. M. Saeed, "Classification and measurement of land cover of wildfires in Australia using remote sensing," <i>Iraqi Journal of Science</i> , pp. 420–430, Jan. 2022, doi: 10.24996/ij.s.2022.63.1.38. 4) A.H. Thary Al-Ghraiiri, A. A. Mohammed, and H. M. Saeed, "An application of web-based E-healthcare management system using ASP.Net," <i>Webology</i> , vol. 18, no. 1, pp. 285–298, Apr. 2021, doi: 10.14704/WEB/V18I1/WEB18089	

Review Form 3

Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes, but needs proofreading	
<u>Optional/General</u> comments		

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>	

Reviewer Details:

Name:	Assad Hussein Thary
Department, University & Country	Al-Nahrain University, Iraq