

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_120788
Title of the Manuscript:	Data-Driven Agriculture: Software Innovations for enhanced Soil Health, Crop Nutrients, Disease Detection, Weather Forecasting and Fertilizer Optimization in Agriculture
Type of the Article	Review Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

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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)
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The manuscript deals with an important and vital task, as it is related to smart agriculture associated with software that makes it easier for farmers to make the right decisions related to agriculture in terms of planting dates, crops and possible forecasts of climate, floods and diseases in order to keep pace with the rapid development to increase production and productivity while reducing cost, labour and energy. With the rapid development in all areas of life that are moving very quickly and agriculture is going in the same way as this development and very quickly, more research must be conducted to keep pace with all the steady developments</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title of the manuscript is somewhat good, but I think it should be as follows Data-Driven Agriculture Software Innovations for enhanced smart Agriculture</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is good and comprehensive, but the researcher did not clarify his findings and did not refer to what he reached through this research. Need to add keywords</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>subsections and structure of the manuscript are appropriate</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>The manuscript is a good scientific view, which dealt with a very important topic for modern and advanced agriculture, and it must be kept up with it to achieve high production at the lowest possible costs with efficient use of resources. The researcher enumerated and classified all the software that is used in smart agriculture and the advantages and disadvantages of each program and the quality of its use. I see that the researcher made a great effort to inventory this software and its field of work in detail</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :</p>	<p>The references that are cited are good to some extent, but it is necessary to cite recent references that have a direct relationship with the subject of the manuscript. Most of the references mentioned in the manuscript are from websites and it was better to cite previous research and studies that have a direct relationship to the subject of the manuscript, in general the references mentioned are very few, especially since the manuscript is a review</p>	
<p>Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?</p>	<p>Is language quality is good and suitable for scholarly communications</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> - Researcher mentioned in the future prospects Agricultural programs help farmers with predictive analytics based on artificial intelligence, but no direction has been determined in which way we can move to achieve this. I think the researcher must specify this accurately and clearly - The researcher counted many goals 10 goals and could not achieve them all. With the plan of order in listing the results of the goals. I see that it needs to be reviewed in terms of number and achieving goals through research - The researcher presented a large number of software that is used in smart agriculture, a number of which are old and the other is very recent, but the researcher did not clarify the best ones that cover all the requirements of advanced agriculture ... - I think it is better to research to limit the programs that are concerned with modern agriculture 	

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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>	

Reviewer Details:

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