

# Review of: "Yield Forecasting Model for Maize Using Satellite Multispectral Imagery Driven Vegetation Indices"

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**Potential competing interests:** No potential competing interests to declare.

Your research addresses an important issue, and your proposed algorithm shows promise. However, there are several areas that could be improved to enhance the clarity and rigor of your work. Here are the specific suggestions for revision:

1. This article lacks a background introduction to such massive data. The writing background refers to the historical background in which the author created this article and the context in which it was created. Therefore, please optimize the writing background of the article so that it can provide a deeper understanding of the content.

2. In the introduction section of the article, the author's expression of the writing meaning is somewhat vague and difficult to understand. Please reorganize the language to express it in a way that readers can quickly understand the writing meaning and purpose of the article.

3. This article introduces the research of multiple scholars and explains their research methods. However, the literature section can emphasize the shortcomings of various methods, which is enough to shift to newly proposed methods. It is better to add the following references to enrich the work:

10.3390/agriculture12010118

10.1109/LGRS.2023.3291019

10.1109/JSTARS.2023.3242310

10.1109/JSTARS.2023.3239756

10.1109/JSTARS.2023.3237380

10.1109/JSTARS.2022.3223423

10.1080/2150704X.2022.2120780

10.1080/10106049.2022.2086631

10.1080/10106049.2021.2022011

10.1007/s12524-021-01399-2

10.1007/s12524-021-01382-x

10.1007/s12524-021-01362-1

10.1007/s12524-014-0423-3

4. Provide information on the specific data used in your study. Mention the source and characteristics of the data.

5. Provide a more detailed presentation of the simulation results, including tables or graphs to illustrate the improvements achieved.
6. Discuss the computational complexity of your proposed algorithm and how it compares to existing methods.
7. For evaluation purposes, the text should include a discussion section that compares the results with the existing literature.
8. What are the limitations of this study?