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| Journal Name: | **Archives of Current Research International** |
| Manuscript Number: | **Ms\_ACRI\_141119** |
| Title of the Manuscript: | **Exploring the Advancements and Sustainability of Modern Agronomy Practices in the 21st Century** |
| Type of the Article | **Review Article** |

PART 1: Comments

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|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(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 presents a comprehensive overview of the advancements in modern agronomy with a focus on sustainability, which is highly relevant in the context of increasing global food demand and climate change challenges. It integrates scientific innovations such as precision agriculture, biotechnology, conservation agriculture, and digital technologies, while addressing their adoption in India. The inclusion of current challenges and solutions makes this article  informative and valuable to researchers, practitioners, and policy-makers alike. | Thank you for mentioning the importance of the manuscript. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is appropriate and clearly reflects the scope and content of the article.  *Optional suggestion (if brevity is preferred):*  **"Sustainable Advancements in Modern Agronomy: A 21st Century Perspective"** | Thank you so much for suggesting a relevant title |
| **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, the abstract is well-written and touches on all major areas covered in the article. However, it could be slightly more concise. Consider summarizing the role of digital technologies into one sentence to keep focus on the key takeaways. | Thank you and Modified |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is scientifically sound and well-supported by references. It offers a good  balance between technical depth and practical relevance, especially in the Indian agricultural context. | Thank you for mentioning the scientific accuracy of the manuscript. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes, the manuscript includes recent and relevant references. Some data sources are from 2020–2021, which ensures currency. If space permits, including a few post-2022 references  could further strengthen the article. | Added new references in the manuscript |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes, the manuscript is written in clear, formal academic English. Minor copyediting could enhance clarity in a few sections, but overall, the quality is good. | Modified |
| **Optional/General** comments | * Consider including a short "Policy Implications" section or sub-heading in the conclusion to highlight actionable insights. * The figures and tables are well-organized and enhance understanding. A brief mention of figure insights in the text would be helpful. | Your suggestion has been noted |

PART 2:

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|  | **Reviewer’s comment** | **Author’s Feedback** (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 detail)*  . |  |