

REVIEWER'S REPORT

Manuscript No.: JNAVES-039

Title: IMPACT OF CLIMATE-SMART AGRICULTURAL PRACTICES ON SUSTAINABLE FOOD PRODUCTION AND ENVIRONMENTAL CONSERVATION.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity	✓			
Significance	✓			

Reviewer Id: JPR-186

Reviewer's Comment for Publication.

The manuscript presents a comprehensive review of climate-smart agricultural practices and their role in promoting sustainable food production and environmental conservation. The topic is timely and highly relevant considering the increasing impacts of climate change on global agriculture. The manuscript is logically organized and effectively discusses sustainable soil management, precision agriculture, climate adaptation, livestock management, biodiversity conservation, and environmental protection. The integration of agricultural, veterinary, and environmental sciences provides a broad perspective on sustainable food systems.

The manuscript is suitable for publication after the following minor revisions:

1. Strengthen the review methodology by providing details on the literature search process, including databases searched, keywords used, publication years covered, and inclusion/exclusion criteria.
2. Expand the discussion by critically comparing findings from recent peer-reviewed studies rather than presenting mainly descriptive information.
3. Include additional up-to-date references (preferably published within the last five years) to improve the scientific depth and current relevance of the review.
4. Add a summary table or conceptual framework illustrating the major climate-smart agricultural practices, their environmental benefits, and their contributions to sustainable food production.
5. Provide a more detailed discussion of practical barriers to the adoption of climate-smart agriculture, including financial constraints, technological accessibility, policy limitations, and challenges faced by smallholder farmers.
6. Review the manuscript for consistency in formatting, citation style, headings, and reference presentation to improve overall readability.

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Overall, the manuscript provides a useful overview of climate-smart agriculture and its importance for sustainable development. After addressing the suggested minor revisions, the paper will make a valuable contribution to the literature and will be suitable for publication.