

REVIEWER'S REPORT

Manuscript No.: JNAVES-044

Title: INTEGRATED PEST MANAGEMENT AS A SUSTAINABLE STRATEGY FOR CROP PROTECTION 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-146

Reviewer's Comment for Publication.

The manuscript presents a comprehensive review of Integrated Pest Management (IPM) as an environmentally sustainable strategy for crop protection. The topic is highly relevant to current agricultural challenges related to pesticide resistance, environmental pollution, biodiversity conservation, and sustainable food production. The manuscript is logically organized, written in clear language, and effectively discusses the principles of IPM, biological, cultural, mechanical and chemical control methods, technological innovations, environmental and economic benefits, as well as future research priorities.

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

1. Strengthen the review methodology by describing the literature search process, including databases consulted, search keywords, publication period, and study selection criteria to improve transparency and reproducibility.
2. Expand the discussion by critically comparing findings from recent studies on the effectiveness of IPM across different crops, climatic regions, and farming systems rather than relying mainly on descriptive summaries.
3. Update the reference list with additional recent peer-reviewed publications to improve the scientific depth and current relevance of the review.
4. Include a summary table or conceptual framework presenting the major IPM components, their advantages, limitations, and practical applications in sustainable agriculture.
5. Provide a more detailed discussion of barriers to IPM adoption, including socioeconomic factors, farmer education, policy support, extension services, and access to biological control technologies, particularly in developing countries.
6. Carefully review the manuscript for consistency in formatting, headings, citation style, terminology, and reference presentation.

REVIEWER'S REPORT

Overall, the manuscript provides a valuable overview of Integrated Pest Management and its importance in sustainable crop protection and environmental conservation. After addressing the above minor comments, the manuscript will be suitable for publication.