

Peer Review

Review of: "Biopesticide Market and Regulatory Landscape with Determinants of Farm-Level Use in India"

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Dear Editor,

I am pleased to recommend the acceptance of the manuscript titled **"Biopesticide Market and Regulatory Landscape with Determinants of Farm-Level Use in India"** in its current form. The study addresses a highly relevant and timely issue by exploring the biopesticide market in India, analyzing factors influencing their adoption, and examining regulatory frameworks to support sustainable agricultural practices.

The manuscript is well-structured and provides a comprehensive overview of the global and national biopesticide landscape, offering valuable insights into trends, challenges, and opportunities. The authors effectively highlight the environmental benefits of biopesticides compared to synthetic pesticides, emphasizing their critical role in promoting sustainable agriculture. The analysis of farm-level determinants of biopesticide adoption is particularly impactful, as it provides actionable recommendations for policymakers, researchers, and stakeholders in the agricultural sector.

Key strengths of the manuscript include:

1. A thorough review of the regulatory frameworks for biopesticides in India and other countries, providing a comparative perspective.
2. Insightful analysis of state- and national-level consumption trends, which is crucial for understanding market dynamics and policy implications.
3. Practical suggestions, such as leveraging farmer organizations and streamlining regulatory processes, to encourage biopesticide adoption.

Declarations

Potential competing interests: No potential competing interests to declare.