

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_112692
Title of the Manuscript:	IPM Essentials: Combining Biology, Ecology, and Agriculture for Sustainable Pest Control
Type of the Article	Article

Review Form 1.7

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> Yes, the manuscript is important for the scientific community as it provides a comprehensive exploration of Integrated Pest Management (IPM), highlighting its ecological, biological, and agricultural aspects, offering insights into sustainable pest control methods. Yes, the title of the article, "IPM Essentials: Combining Biology, Ecology, and Agriculture for Sustainable Pest Control," is suitable as it accurately reflects the multidisciplinary nature of IPM. Yes, the abstract of the article is comprehensive, summarizing the key principles of IPM, its ecological foundation, and its global impact on sustainable agriculture. The subsections and structure of the manuscript are appropriate, systematically presenting the introduction, emergence, principles, global impact, foundations, key components, pillars, challenges, and future directions of IPM. Yes, the manuscript appears scientifically correct, aligning with established principles of Integrated Pest Management and citing relevant studies to support its claims. The references provided are sufficient and include a range of sources, including recent studies. However, Follow any one Style of references. I would recommend APA style and maintain consistency throughout the references. <ul style="list-style-type: none"> The manuscript effectively combines historical context, scientific principles, and practical applications of IPM. However, it may benefit from more explicit connections between sections, helping readers follow the logical flow of ideas. Visual aids, such as figures or tables, could enhance the manuscript's clarity and engagement. For instance, a graphical representation of the IPM framework or a timeline summarizing the historical development of IPM could complement the text. While the article addresses challenges, a more in-depth discussion on potential solutions or ongoing research initiatives to overcome these challenges could add depth to the manuscript. Consider incorporating real-world case studies or examples to illustrate successful implementations of IPM in different agricultural settings. This would provide practical insights and make the manuscript more relatable for readers involved in agriculture or pest management. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The language and English quality of the article are generally suitable for scholarly communications. The text is well-written, coherent, and adheres to standard academic language conventions. However, it is recommended to carefully proofread the manuscript to ensure grammatical accuracy and consistent language use throughout the document. Additionally, attention to minor details such as punctuation and sentence structure could further enhance the overall readability of the article.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> ➤ Clarity of Connections: Strengthening the connections between sections would improve the overall flow of the manuscript. Consider providing more explicit transitions to guide readers smoothly through the various aspects of IPM discussed. ➤ Visual Aids: Introducing visual elements, such as figures or tables, could aid in conveying 	

Review Form 1.7

	<p>complex concepts more effectively. Visual representations of the IPM framework or key principles would enhance the manuscript's accessibility.</p> <ul style="list-style-type: none">➤ In-Depth Solutions Discussion: While challenges are appropriately addressed, a more detailed discussion on potential solutions or ongoing research initiatives to overcome these challenges would provide a more comprehensive understanding for readers.➤ Real-World Examples: Integrating specific real-world case studies or examples of successful IPM implementations in diverse agricultural settings could make the manuscript more practical and applicable to a broader audience	
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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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