

Name:	<a href="#"><u>UTTAR PRADESH JOURNAL OF ZOOLOGY</u></a>
Manuscript Number:	<b>Ms_UPJOZ_4503</b>
Title of the Manuscript:	<b>Push-Pull Strategies and Habitat Manipulation for Sustainable Insect Pest Management in Crops</b>
Type of the Article	<b>Good</b>

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**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>		
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>		
<b>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.</b>		
<b>Is the manuscript scientifically, correct? Please write here.</b>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>		

<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b><u>Optional/General</u></b> comments</p>	<p><b>Abstract</b></p> <ol style="list-style-type: none"> <li>1. How can suitable companion plants for push-pull strategies and habitat manipulation be identified and optimized for specific crop-pest systems across diverse agroecological zones?</li> <li>2. What are the socio-economic barriers and incentives for farmers to adopt push-pull strategies and habitat manipulation practices, especially in smallholder and resource-constrained farming systems?</li> <li>3. How can push-pull strategies and habitat manipulation be effectively integrated into larger Integrated Pest Management (IPM) frameworks while maintaining compatibility with other pest control methods?</li> </ol> <p><b>Introduction</b></p> <ol style="list-style-type: none"> <li>1. The figure title should be positioned below the image.</li> <li>2. How can the push-pull strategy and habitat manipulation be optimized for specific pest-crop interactions in diverse agroecosystems to achieve effective and sustainable pest management?</li> <li>3. What are the major challenges in integrating push-pull strategies and habitat manipulation into current Integrated Pest Management (IPM) programs, particularly in resource-limited farming systems</li> </ol> <p><b>Result and discussion</b></p> <ol style="list-style-type: none"> <li>1. In Table 2, you should put zero if population is not found {(Wildflower Areas: Pollination Boost (%), Biodiversity Index, Carbon Storage (t/ha), ROI (%)}</li> <li>2. What are the key agroecological factors that determine the success of push-pull strategies and habitat manipulation in specific cropping systems?</li> <li>3. How can participatory and adaptive research approaches be effectively utilized to tailor these strategies to the socio-economic and ecological conditions of diverse farming communities?</li> <li>4. What are the major knowledge gaps and supply chain limitations that need to be addressed to scale up the adoption of push-pull strategies and habitat</li> </ol>	

	<p>manipulation in agricultural landscapes?</p> <p>5. How can the integration of push-pull and habitat manipulation into existing IPM programs be optimized to achieve maximum pest suppression and yield improvement?</p> <p>6. What are the long-term ecological and economic impacts of push-pull strategies and habitat manipulation on biodiversity conservation and environmental resilience?</p>	
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## **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

## **Reviewer Details:**

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