

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_126284
Title of the Manuscript:	Abundance and diversity of insects caught in light traps with different light sources in an organic farming system
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is valuable to the scientific community as it addresses an important and emerging topic in sustainable agriculture: the use of light traps in Integrated Pest Management (IPM). By comparing solar and LED light traps within an organic farming system, the study provides insights into insect diversity and abundance, contributing to a better understanding of how different light sources attract various insect groups. This research is especially important for organic farming, where the selective use of pest management tools is essential for preserving beneficial insects.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title, "Abundance and Diversity of Insects Caught in Light Traps with Different Light Sources in an Organic Farming System," is informative but could be refined to better reflect the study's focus. Suggested alternative: "Evaluating Insect Diversity and Abundance in Solar and LED Light Traps for Sustainable Pest Management in Organic Farming"</p>	
<p>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.</p>	<p>The abstract is generally comprehensive, summarizing the purpose, methods, and findings effectively. However, a brief mention of the implications for IPM, especially regarding the impact on beneficial insects, would strengthen it and make it more relevant to agricultural researchers and practitioners. Adding one or two sentences on the practical implications of the findings would make the abstract more impactful.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure and subsections of the manuscript are appropriate and facilitate a clear flow of information from methodology to discussion. Each section is logically organized, providing a clear progression from the rationale behind the study to the implications of the findings.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is scientifically robust and technically sound, with a strong methodological foundation that includes consistent sampling intervals and appropriate statistical analyses. The inclusion of diversity indices (e.g., Shannon-Weiner, Simpson's, Margalef's) to evaluate insect diversity across trap types enhances the study's validity. The manuscript's attention to both pest and non-pest insect groups demonstrates a comprehensive approach to IPM considerations.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>The references are largely sufficient and relevant; however, the addition of recent literature on light traps in IPM and studies discussing light wavelength influence on insect attraction could provide further context. Including a few recent studies on the ecological impact of trapping beneficial insects would also be beneficial.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality is suitable for scholarly communication, though minor grammatical improvements would improve readability in certain areas.</p>	
<p>Optional/General comments</p>	<p>Overall, this study is a valuable addition to research on IPM in organic farming systems. Expanding on the ecological implications and suggesting practical IPM recommendations could further enhance the manuscript's impact.</p>	

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PART 2:

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

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