

Name:	<u>UTTAR PRADESH JOURNAL OF ZOOLOGY</u>
Manuscript Number:	Ms_UPJOZ_4502
Title of the Manuscript:	Remote Sensing and Automated Monitoring Systems for Insect Pest Detection and Surveillance
Type of the Article	REVIEW article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	This article is important because it offers a technology-based solution to one of the major challenges in agriculture, namely insect pest detection and monitoring, which supports the efficiency, sustainability and productivity of the agricultural sector.	<p>First, expand the introduction to more explicitly connect the technological solutions presented with specific agricultural challenges. Include concrete examples of how these monitoring systems directly address current pest management inefficiencies.</p> <p>Second, develop a more detailed analysis of the sustainability benefits. Quantify, where possible, the environmental and economic advantages of implementing these technologies compared to traditional pest monitoring methods.</p> <p>Third, consider adding a section that outlines practical implementation strategies for agricultural stakeholders. This will help bridge the gap between theoretical technological solutions and real-world agricultural productivity improvements.</p>

Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is in accordance with the discussion of the article	
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.	abstract is not comprehensive enough, abstract should consist of: - research problem/objective - research method - results obtained - conclusion	ok
Is the manuscript scientifically, correct? Please write here.	The writing of this manuscript has met scientific standards, however, it is necessary to add a research methodology section in sub-chapter 2, after section 1 of the introduction, or research methodology is added with an explanation in subsection 1 of the introduction.	<input type="checkbox"/> The systematic review approach used to evaluate remote sensing and automated monitoring technologies <input type="checkbox"/> The criteria for selecting case studies and research papers <input type="checkbox"/> The analytical framework used to assess technology effectiveness <input type="checkbox"/> The methods used to evaluate implementation challenges and limitations
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	citations are sufficient and up to date. However, some references do not match between the citations in the body of the article and the reference list. Try checking again so that this reference list really includes what is cited in the body of the article (between the citations and the reference list are matching).	<input type="checkbox"/> Cross-check all in-text citations against the reference list <input type="checkbox"/> Update the reference list to include any missing cited works <input type="checkbox"/> Remove references that are not cited in the manuscript <input type="checkbox"/> Verify citation formats for consistency <input type="checkbox"/> Ensure all cited authors and dates match between text and references

Is the language/English quality of the article suitable for scholarly communications?	grammar may need to be checked once again so that the manuscript really has good language quality.	ok
<u>Optional/General</u> comments	No ethical issues have been found in this manuscript. PLEASE SEE ATTACHMENT	ok

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?	<u><i>(If yes. Kindly please write down the ethical issues here in details)</i></u>	