

Review Form 3

Journal Name:	Asian Journal of Research in Zoology
Manuscript Number:	Ms_AJRIZ_131150
Title of the Manuscript:	Population dynamics of Tetranychus urticae Koch. and associated predators in relation to certain ecological factors in sweet potato fields
Type of the Article	

PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	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.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Is the manuscript scientifically, correct? Please write here.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	<p>I have gone through the article you submitted. I find the study relevant in the context of biological control of agricultural pests. It provides valuable information for IPM strategies in sweet potato fields. The manuscript was written well and the tables are well documented. The study was conducted in real-world settings which adds to the practical applicability of the findings. You have notably addressed the role of many predators in sweet potato fields which provides a holistic view of predator-prey dynamics, that too in two seasons. The correlation with weather factors will help for predictive modelling in pest management.</p> <p>However, I suggest a few revisions that the authors could use to review the article and resubmit it to the journal.</p> <ol style="list-style-type: none">Language and grammar:<ol style="list-style-type: none">Change some sentences, for example, “He is destructive pest of important and fields and vegetable crops” in the abstract.Change some sentences, for example, “From the found data in this experiment.....management”.Data inconsistency<ol style="list-style-type: none">Correct the format of dates, 22th July and so on.Statistical analysis<ol style="list-style-type: none">Though the correlation coefficient was given, detailed statistical validation or discussion about the significance was not given. For example, “the maximum temperature correlated with negative values, in most cases, with numbers of <i>T. urticae</i> and their predators” lacks specificity.Clearly state the name of tests used with confidence intervals, p-values and all other necessary specifications.Please add mean values±SE with ANOVA for all mean values. You have values±SE for overall mean.Some references are outdated and some are found irrelevant to the study's core focus.<ol style="list-style-type: none">Cite recent studies and those which are done in the predators mentioned in the study. For example, Life table and predatory efficiency of <i>Stethorus gilvifrons</i> (Coleoptera: Coccinellidae), an important predator of the red spider mite, <i>Oligonychus coffeae</i> (Acari: Tetranychidae), infesting tea Experimental and Applied Acarology (springer.com).The sampling methods need a more detailed description of replication, randomization and exact sampling intervals.The Discussion section lacks depth in comparing findings with existing literature.Include specific recommendations for pest management in the Conclusion section. <p>Major revisions are needed in language, statistics, methodology, and discussion parts. With these improvements, the manuscript can contribute to agricultural entomology and pest control research.</p> <p>All the best.</p>	

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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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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