Review Form 3

Journal Name:	**Journal of Scientific Research and Reports**
Manuscript Number:	**Ms_JSRR_122706**
Title of the Manuscript:	**Population Dynamics and Ecological Role of Chrysoperla spp. in Major Agricultural Crops: A Review**
Type of the Article	**Review 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)*
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.	This manuscript is significant because it consolidates and reviews the current understanding of *Chrysoperla spp.* as effective biological control agents across a wide range of crops. By analyzing the effects of both abiotic (e.g., temperature, humidity) and biotic (e.g., prey availability) factors on *Chrysoperla* populations, along with their interactions with pest species, this review offers valuable insights for optimizing biological control strategies. The findings underscore the potential of *Chrysoperla spp.* to enhance Integrated Pest Management (IPM) practices, presenting a sustainable alternative to chemical pesticides. This contributes to environmentally friendly and economically viable agricultural practices, promoting a shift towards more sustainable farming methods.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	if you want to fine-tune it, you might consider including any particular emphasis or unique aspect of your review. For instance, if the review highlights recent advancements or a particular focus within *Chrysoperla* spp., reflecting that in the title could be beneficial.	
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.	To enhance clarity and impact, include a brief mention of challenges with conventional pest management, highlight key findings, and add future research directions or practical applications.	
Are subsections and structure of the manuscript appropriate?	Yes, overall, it's a good review study and is suitable to get publish	
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.	The study effectively addresses the role of biological control in pest management, highlighting its advantages over harmful chemical methods. However, the manuscript needs minor revisions to detail how biological control can be applied in agriculture, considering both its benefits and potential drawbacks..	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The manuscript should include recent studies on Integrated Pest Management to enhance its depth. Adding updated literature will improve the review and provide a more comprehensive analysis.	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	English language needs little improvement	
Optional/General comments	The conclusion effectively emphasizes the benefits of using lacewings as biological control agents in agriculture, noting their advantages over chemical methods. However, it should also address potential drawbacks, such as the risk of uncontrolled predator population growth, changes in predator-prey dynamics, the possibility of incomplete pest control if populations become too high, and the high costs associated with rearing and releasing lacewings. Additionally, the effectiveness of lacewings can be highly dependent on environmental factors. To strengthen the study, I suggest incorporating recent research on how these issues have been managed globally and demonstrating how this study offers significant improvements in overcoming these challenges.	

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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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