

Review Form 3

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| Journal Name: | Journal of Scientific Research and Reports |
| Manuscript Number: | Ms_JSRR_121644 |
| Title of the Manuscript: | Evaluation of the Physical Compatibility of Biopesticides and Chemical Pesticides for Drone Applications |
| Type of the Article | Original Research Article |

Review Form 3

PART 1: Review Comments

| Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | The manuscript is original and could lead to a better understanding the suitability of drone spray and traditional Taiwan pesticide spray. But the reason why the author decide to evaluated the mixture of pesticide are not well explained. Why they also choose the 8 targeted pesticides need to be analysed | |
| Is the title of the article suitable? Not (If not please suggest an alternative title) | Evaluation of the Physical Compatibility of Biopesticides and Chemical Pesticides mixtures | |
| 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. The last sentence could read | These findings confirm the overall physical compatibility of the tested mixtures, ensuring their physical suitability for agricultural applications. | |
| Are subsections and structure of the manuscript appropriate? | I think the chemical suitability of the mixture is not analysed. Even the Ph of the mixture are measured. Chemical suitability includes also reactions of the mixtures that may work out in other products or compound. Such final compound may have totally different impact than the mixed pesticides A third table indicating the different pesticide combinations that are dealt in the results and discussion sections should be provided. It is not clear the different mixtures they realised between the 8 pesticides and the different application doses | |
| 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 authors already declared in the methods that the pesticides are physically compatible to drone/Taiwan sprayer concentrations (the reason why they chose them). This is normally based on the posology or instructions of the manufacturers. Why is it worth demonstrating this again through additional experiments should be well defended in the introduction part. Pesticide user manual often forbid mixing them. What is the instructions to users of the different tested pesticides here and the authors decided to mix them. In addition to the physical compatibility, how are they assured that there is not chemical risks that could emerge from mixing different pesticide? The physical compatibility may some times not be alone enough to convince. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. = | Some statements need to be defended by the source in the introduction and the discussion | |

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| Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? | Yes | |
| Optional/General comments | | |

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

Reviewer Details:

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|----------------------------------|--|
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