

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_103436
Title of the Manuscript:	ASSESSING THE SUITABILITY OF PESTICIDE MIXTURES FOR UNMANNED AERIAL SPRAYING IN RICE: A PHYSICAL COMPATIBILITY PERSPECTIVE
Type of the Article	Research article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The manuscript is of interest to people in the field of agricultural automation. The use of drones to deliver pesticides is an application which still requires substantial research.</p> <p>Yes the title is suitable</p> <p>The abstract is comprehensive although abbreviations should be described in full</p> <p>The Methods should be better sub-divided into the respective experiments performed and more detail can be given on the actual steps involved.</p> <p>It does not seem that the experiments were done in replicates to confirm the reproducibility of the results.</p> <p>The references are adequate</p> <p>It would be useful for readers to know why the doses for drone spraying are so much higher than for ground spraying.</p> <p>The generic name for a ground sprayer is not "Taiwan sprayer" but "knapsack power sprayer"</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Only needs minor improvements	
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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

[Review Form 1.7](#)

Reviewer Details:

Name:	Byron Baron
Department, University & Country	Centre for Molecular Medicine and Biobanking, University of Malta, Malta