

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_120762
Title of the Manuscript:	Studies on operational parameters of drone mounted sprayer to determine the application rate for herbicide application in crops
Type of the Article	Original Research 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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	It is considered the prime source of livelihood for approximately 58% of the country's population, mainly for rural areas.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes- Investigation on the sprayer-mounted drone's operating settings to calculate the crop herbicide application rate. Can be changed	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	Yes – Design parameters of drone and tank design and figures can be included	
Are subsections and structure of the manuscript appropriate?	Appropriate and design parameters of the Drone can be included and to be explained in detail.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	Yes, it is a needy application which is useful for developing and upgrading countries in agriculture sectors.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. =	Yes, reference can be added up to 20 to 25 related to agriculture automations. Kindly refer this articles <ol style="list-style-type: none"> 1. Development and evaluation of drone mounted sprayer for pesticide applications to crops 2. Effect of operational parameters of UAV sprayer on spray deposition pattern in target and off-target zones during outer field weed control application. 	
Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	Yes, Good	
Optional/General comments	Can be accepted with minor corrections.	

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

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Reviewer Details:

Name:	N. Subramani
Department, University & Country	Karpagam College of Engineering, India