

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_105621
Title of the Manuscript:	ASSESSMENT OF POST EMERGENCE HERBICIDE EFFICACY FOR DRONE SPRAYING IN TRANSPLANTED RICE (<i>Oryza sativa</i> L.)
Type of the Article	Original 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>)

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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>	<ul style="list-style-type: none"> • Paddy production signifies the single principal land use for food production on earth and worldwide, rice is grown on 164 M ha with an annual production of about 750 Mt of paddy (FAO, 2019). • It has been evidenced that weeds compete with the crop plants for nutrients, moisture and sunlight and cause a great reduction in the yield of the crops. <ul style="list-style-type: none"> ○ Yes, the title of the manuscript is suitable and appropriate enough. ○ Yes, the abstract written is comprehensive. ○ Yes, they are appropriate enough inscribing various significant aspects. ○ The presentation of the Abstract, Introduction, Materials and Methods, Results and Discussion, and Conclusion are exceptionally appreciable. ○ The data have been concisely documented in tabular forms. • In the existing scenario of high labour costs, and non-availability of labour for manual weeding, use of herbicides is inevitable and therefore employment of advanced technology in agriculture would save time and energy. • Hence, Drone being a contemporary technology could prove to be a solution for farmers. • Agricultural drones provide reprieve for the modern-day farmers to lessen drudgery and to act judiciously for crop needs. • The references cited are adequate and recent enough. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none"> • Introduction, 2nd line: the staple diet- add an article. • 2722 kg ha⁻¹ – correct the spelling. • Pg.no.2, 8th line: in the weedy plots- add an article and fix the agreement mistake. • Number of tillers (m⁻²) at harvest: 6th line: statistically-correct the spelling. • The usage of the English language is appropriate and well suitable for scholarly communications. 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> • Overall, the manuscript has been succinctly authored, noticeably accompanied by a sleek presentation documenting the observations illustratively in the numerous Tabular forms. 	

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PART 2:

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

Reviewer Details:

Name:	Asma Jabeen
Department, University & Country	Indian Institute of Rice Research, Osmania University, India