

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_125449
Title of the Manuscript:	HERBICIDE COMBINATIONS FOR EFFECTIVE WEED MANAGEMENT IN RICE
Type of the Article	Review Article

Review Form 3

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)
<p>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.</p>	<p>First I would to appreciate the authors for collecting the detailed information from various sources and the way of presentation on the topic "HERBICIDE COMBINATIONS FOR EFFECTIVE WEED MANAGEMENT IN RICE" for easy understanding to the readers.</p> <p><u>Regarding the importance of the MS to the scientific community.</u></p> <ol style="list-style-type: none"> a. Rice crop is commonly grown in diversified ecosystems like irrigated lowland, irrigated upland, rainfed lowland, rainfed upland and deepwater/floating ecosystems and the crop is severely suffering due to different types of weeds such as grasses, sedges and broad leaved weeds and reported the yield losses from 40-100% due to weeds in these ecosystems under severe weed problem. b. Commonly herbicides recommended for weed control, but no single herbicide is effective under different situations, hence farmers were recommended for using the herbicide combinations for effective weed control and to reduce the number of herbicide applications and thereby cost of cultivation. c. In the Manuscript (MS), different types of ready mix herbicide combinations with compatibility is written, which is an interested area and very much useful to the students and scientific community for proper guiding to the farmers/end users. <p>Hence, I agree with the authors and like this article to share the knowledge to scientific community.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, it is suitable</p>	
<p>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.</p>	<p>Abstract is comprehensively presented.</p> <p>My suggestion to the authors are,</p> <ol style="list-style-type: none"> 1. Even though it is a review paper, authors may be added few lines in the abstract section about the best herbicide combinations among the other combinations by taking into consideration of major rice growing ecosystems. 2. It will be appreciated if authors add some information in the abstract section about optimum application window of best herbicide combinations. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<ul style="list-style-type: none"> • Yes, Authors are written the subsections very nicely and the readers feel the flow and connectivity of the subsections related to the topic. 	

Review Form 3

<p>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.</p>	<p>a. The MS contains the detailed information about various weed floras, critical period of crop-weed competition and different herbicides interaction and their mechanisms etc.</p> <p>b. Authors presented the scientifically concluded experiments conducted at various places on herbicides mixtures effect on yield and other parameters of crop.</p> <p>c. The readers also may get knowledge about synergistic effect of herbicides combination on biological organisms present in the soil.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<ul style="list-style-type: none"> References are good number and if possible, authors are advised to replace the references which are before the year 2010 	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none"> Yes, authors are may appreciated about the using of simple and easy understandable English to the readers 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> Article is well written and the content is worthy to contribute the knowledge to the scientific community. General comment: Authors are advised to add some information about climate change influence the weed shifting as it is interested area in the present context. 	

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

Reviewer Details:

<p>Name:</p>	<p>Talla Arunbabu</p>
<p>Department, University & Country</p>	<p>BJR Agricultural College, PJTAU, India</p>