

## Review Form 1.6

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_86533
Title of the Manuscript:	Herbicide efficacy as influenced by spray fluid quality and adjuvants on yield and economics of Maize (Zea mays L.)
Type of the 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)
<b>Compulsory</b> REVISION comments	<p>The article discussed the effect of three variables viz. herbicide, spray fluid quality and adjuvant on maize yield and economics; As the study involve the weed management treatments, data of weeds parameters (density or dry matter ) is expected; while it was not given in the article.</p> <p><b>Abstract:</b> Bring objectivity in abstract through expressing improvement in studied parameters due to applied treatments; Conclusion of study in 1-2 sentence is need to be given at the end of abstract.</p> <p><b>Keywords:</b> Avoid using same word as that mentioned in the title; name of planting material, herbicide used, adjuvant used, a new parameter if any studied, etc. need to be there in keywords</p> <p><b>Introduction:</b> The research gap on which the studied treatments were applied in given crop is not mentioned; The generalize statement need to avoid and attach scientific meaning to these statements (See the comments from article for more details);</p> <p>The continuity is not maintained in abstract; Its look like divided in several parts;</p> <p><b>Materials and methods:</b> Climatic condition and prevailing weather condition during year of experiment need to given in 2-3 sentences (such as rainfall, temperature, climate type, etc). Details of spray timing and quantity of fluid used are not mentioned.</p> <p>Is the author had anything to say about use of normal irrigation water as a fluid rather than distilled water? This will be more stakeholder relevant than distilled water.</p> <p><b>Results and discussion:</b> The data of weed parameters is expected as treatments are related with weed managements. Avoid lengthy sentences;</p> <p>See the comments in text and for table 1 and 2 for further details</p> <p><b>Conclusion:</b> Bring objectivity in conclusion and avoid repetition of results in conclusion; (State how the superior treatment is useful of region with poor quality water and increasing net return over weed free check, etc.)</p> <p><b>References:</b> Need major revision; strictly follow the Journal style of writing reference; see comments for more details; Further, number of reference may be increases in both introduction and discussion section to make it more effective.</p>	
<b>Minor</b> REVISION comments	The growth behaviour of plant is expected to change due to weed population and hence biometric parameters need to be recorded and data need to present to have complete evaluation of applied treatment.	
<b>Optional/General</b> 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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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