

Review Form 1.7

Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	Ms_AJRIB_118706
Title of the Manuscript:	Allelopathic potential of Imperata cylindrica on the growth and germination of Zea Mays.
Type of the Article	Original Research Article

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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>	<p>1. I believe that every manuscript about crop improvement is important to scientific community since in our world there are countries in which exist harvest people.</p> <p>2. The title is suitable.</p> <p>3. The abstract is comprehensive.</p> <p>4. This article has all subsections that manuscript must have but, the structure of the subsections with subtitles to each test it is not common in article's structure. It is common in academic texts, like dissertations.</p> <p>The scientific name of the vegetal species are not in italic.</p> <p>5. I think that the discussion needs to be improved.</p> <p>6. The references are too old! The newest reference is from 2013. The references must be actual to highlight the actual importance of the theme.</p>	
<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"> Allelopathy is regarded as any process whereby secondary metabolites produced by plants influence the growth and development of agricultural and biological systems including positive and negative effects. <p>I would like suggest that you replace including by performing</p> <ul style="list-style-type: none"> The species is one of the top ten worst weeds <p>I think that you should write which is the species</p> <ul style="list-style-type: none"> On the other hand, at external level, the allelochemicals may be related to the release or limitation of nutrients that are found in the soil <p>You are not comparing ideas, so "on the other hand" seems strange.</p>	
<p>Optional/General comments</p>	<p>The scientific names needs to be in italic It is necessary to perform the formation of the text. (Margins, title etc...)</p> <p>The experiment was conducted at the laboratory of Applied Biology Department, Ebonyi state university abakaliki located on latitude 6° 22'26"N and longitude 8° 6'6"E of the Greenwich meridian. Inform the country</p> <p>I.cylindrica have significant allelopathic effects on the germination and growth of zea mays. Imperata cylindrica could be spread on wastelands, resulting in the leaching of allelochemicals such as fatty acids, terpenoids, simple phenolics, benzoic acids etc which would reduce seed germination and consequently the population of weeds.</p> <p>You din't say something about the chemical classes of allelochemicals in introduction or discussion, so it is strange it appears in conclusion</p>	

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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:

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