

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Advances in Agricultural Research</b>
Manuscript Number:	<b>Ms_AJAAR_108105</b>
Title of the Manuscript:	<b>Response of Irrigation and Nitrogen Fertilization on uptake of primary nutrients by Maize</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<ol style="list-style-type: none"> <li>This article is very important for the scientific world.</li> <li>The title of the article corresponds well because the title reflects the content.</li> <li>the abstract of the article is very very comprehensive.</li> <li>Yes the subsections and structure of the manuscript are appropriate.</li> <li>Overall, the manuscript is scientifically well written.. It is one of the best articles that I can evaluate. There are very interesting data and above all the discussion was very well done by the author. A very rich discussion, with really recent references.</li> <li>The references are really very sufficient and recent.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<ol style="list-style-type: none"> <li>Yes the language/English quality of the article is suitable for scholarly communications</li> </ol>	
<p><b>Optional/General</b> comments</p>	<p>The article was very well written, very important data was collected and the results were well discussed. In addition, the bibliographic references are recent. But I have 3 contributions to make which are:</p> <ol style="list-style-type: none"> <li>For me the title must be revised because we are not talking about mineral fertilization and here the study focused on 3 main fertilizing elements Nitrogen, phosphorus and potassium. And one more reason, to review the title, that different doses of N, P, K and S were applied in the form of urea, triple superphosphate (TSP), muriate of potash (MoP) and gypsum according to specific treatment requirements This is why I propose the following title: <b>Influence of irrigation and 3 main mineral fertilizer elements (NPK) on uptake of primary nutrients by Maize</b></li> <li>At the level of Materials and Methods, I prefer that the author writes Application of fertilizer containing 75%, 100% and 125% of the prescribed nitrogen dose (PD) according to the fertilizer recommendation guide (FRG)] .I think it's more scientific</li> <li>Regarding the Randomized Blocks, I would like the author to give their dimension. It seems to me that for the elementary plot it is given (3mX2m). It would be better if the author included the experimental device in the document. Or failing that, explain it explicitly.</li> </ol> <p>For the fertilizer recommendation guide (FRG), I would like the author to specify whether it is national or it is a guide from an international institution like the FAO</p>	

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**PART 2:**

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

**Reviewer Details:**

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