

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_86499
Title of the Manuscript:	Effect of phosphorus and zinc on yield and economics of Pearl millet (<i>Pennisetum glaucum</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.journalijpss.com/index.php/IJPSS/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)
<u>Compulsory</u> REVISION comments	<p>Within the results and discussion section, include an article on profitability since it is a very important contribution of the study.</p> <p>Introduction : Summarize the information about the crop to two paragraphs maximum. Starting from the global context and ending at the local level. Summarize the information. Increase information about this micronutrient and its importance, for example: why was the effect of potassium instead of zinc not studied? There must be a hypothesis on which the importance of the variables chosen in this study is explained.</p> <p>Methods: Indicate the initial conditions of the study fields: type of soil or initial fertilization analysis on which the trial started; also specify the form of application of fertilizers: everything at planting, divided into stages...</p> <p>Without this information, the experiment cannot be replicated or comparable by other researchers.</p> <p>Another very important aspect is the type of irrigation, the document does not indicate the frequency of irrigation or if it was rainy (dry).</p> <p>The efficiency of a fertilizer is closely linked to the type of irrigation used.</p> <p>Regarding data analysis, what statistical tests were used? How were statistical differences determined? Tuckey's test? What was the level of significance? 0.05 or 0.01?</p> <p>Although they are aspects that we usually maintain in a standard way, it is necessary to mention them in the study.</p> <p>Delve into the results obtained: Evaluate the variables Phosphorus and Zinc independently first. What happened to the phosphorus content regardless of the zinc levels?</p> <p>Did both variables (phosphorus and zinc) have an effect on yield or was it only phosphorus that had a statistically significant impact?</p> <p>There is information to interpret.</p> <p>Note: mention in parentheses or in the text the table where the data is located.</p> <p>This observation is repeated for all the results and discussion sections.</p>	<p>The necessary things have been changed. Sources phosphorus and zinc also mentioned etc.</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	<p>The article is very interesting and provides quite useful information, especially at this time when there is so much need to optimize the fertilization doses in crops; but the results need to be better analyzed and discussed. There is information that allows it to be done.</p> <p>Another fundamental aspect is to provide the necessary information to replicate the trial (data on how the trial was carried out).</p>	

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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	The necessary things have been changed