

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Soil Science and Plant Nutrition</b>
Manuscript Number:	<b>Ms_AJSSPN_113462</b>
Title of the Manuscript:	<b>EFFECT OF NITROGEN MANAGEMENT THROUGH NANO FERTILIZERS ON GROWTH, YIELD ATTRIBUTES AND YIELD OF MAIZE (Zea mays L.)</b>
Type of the 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><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><b>Importance:</b> The authors described the weathering of silicate minerals (olivine, pyroxenes, amphiboles, feldspars, micas, and chlorites) and the reasons for the release of basic cations, which contribute to the native fertility and electrolyte content of soils.</li> <li><b>Title:</b> Long, preferred to be modified into <b>"Nano-Fertilizers for Nitrogen Management Concerning Growth and Yield of Maize"</b>.</li> <li><b>Abstract:</b> Provide one or two short sentences as a background on the problem before illustrating the aim. Some modifications were recommended to enhance the readability and understanding.</li> <li><b>Structure of the manuscript:</b> <ol style="list-style-type: none"> <li><b>Keywords:</b> Properly arranged and clear.</li> <li><b>Introduction:</b> Improperly arranged in four paragraphs. The introduction has to be arranged into three paragraphs i.e. 1. Introduction 2. Significance of the study, and 3. Aim of the study. Some modifications were suggested to enhance readability and understanding.</li> <li><b>The aim:</b> Not listed. The aim of the study has to be listed by the end of the introduction section.</li> <li><b>Materials and Methods:</b> Please notice the following:                     <ol style="list-style-type: none"> <li>MUST provide institutional approval for the study.</li> <li>Provide more details on the standardized conditions mentioned for experimenting.</li> <li>Separate the statistical analysis in a separate section and provide the statistical model used in the analysis.</li> <li>Provide the source and model of GreenSeeker.</li> <li>Do not use the "percent" word and instead use the symbol "%".</li> <li>Some modifications were recommended to enhance the readability and understanding.</li> </ol> </li> <li><b>Results:</b> Please notice the following:                     <ol style="list-style-type: none"> <li>Novel and clear to a certain extent.</li> <li>Reduce the illustration of numbers within the text as possible and use instead your own expressions.</li> <li>Add the P-value for the significant results' expressions.</li> <li>Use the abbreviations of the treatment names instead of mentioning their full names all over.</li> <li>Do not use the "percent" word and instead use the symbol "%".</li> <li>Many modifications were recommended to enhance the readability and understanding.</li> </ol> </li> <li><b>Discussion:</b> Clear to a certain extent and contribute to knowledge with moderate levels of comparison and speculation. Some modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Conclusion:</b> Clear. Some modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Tables:</b> Well-presented and organized.</li> <li><b>Figures:</b> Well-presented and organized.</li> </ol> </li> <li><b>Scientific Soundness:</b> The manuscript expressed a good idea and was expressed in moderate English and Grammar.</li> <li><b>References:</b> Sufficient as 50% (12 out of 24) of the listed references were published in the past five years.</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>	<p><b>General view:</b> The manuscript was expressed using moderate English and grammar. Professional copyediting &amp; proofreading, proper display of the abstract and introduction sections, and declaring some explanations in the materials and methods to achieve better readability &amp; understanding and publication value.</p>	
<p><b>Optional/General</b> comments</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:**

Name:	<b>Essam Samir Soliman</b>
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