

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_120848
Title of the Manuscript:	Effect of Nano-Urea based nitrogen application on the growth, phenology and yield of direct seeded rice (<i>Oryza sativa</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:

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>This article provides important information regarding the effect of nano-urea based nitrogen application on the growth, phenology and yield of direct seeded rice (<i>Oryza sativa</i> L.).</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is adequate to the content of the article.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract of the article is well written, adequately explains the research setting and issues.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The introduction provides an adequate description of the problem addressed and demonstrates the significance of the research problem. However, it is limited in its scientific scope. The methodology used is appropriate to the purpose of the research but could be restructured to enhance its scientific rigour. The results are interesting and important to researchers in relevant fields of agriculture. However, for the publication of this study, it would be beneficial to supplement it with other determinations to support its importance and opportunity.</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript gives rise to certain concerns pertaining to its scientific accuracy. Firstly, the methodology is not sufficiently detailed, which hinders the ability of other researchers to replicate the study, thus affecting the validity of the results. Secondly, there are shortcomings in the data analysis, as the statistical methods used are not clearly justified or appropriate for the type of data collected. Additionally, the literature review is superficial and does not adequately integrate relevant previous research, which limits the context and significance of the contributions made by this study.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>The number of references is limited and some corrections need to be made. I recommend the inclusion of a larger number of more recent studies on the subject and their insertion in bibliographic references;</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>I recommend a carefully check of the full manuscript to correct any grammatical or syntax error.</p>	
<p><u>Optional/General</u> comments</p>	<p>Please, take into account the following recommendations to improve this manuscript:</p> <ul style="list-style-type: none"> - The general presentation of the manuscript should be reviewed, the extra spaces between words or the lack of spaces between titles, subtitles, tables, figures and text according to the requirements of the journal; - I recommend a revision of the manuscript according to the requirements of the journal (English, technical editing, bibliography, etc.); - I recommend a critical approach to the literature to enable analysis and interpretation of the information, development of an objective viewpoint and the setting of clear objectives; - The presentation of the results obtained from this study is cursory, with only a few studies with similar results referenced. A comprehensive review of this topic is recommended; - I recommend that conclusions be formulated highlighting the importance of the results obtained; - I recommend including more recent bibliographic references. <p>I recommend that the experiments presented in this manuscript be carried out for a minimum of 3 years and that clear recommendations then be formulated regarding the use of nano-urea-based nitrogen on rice growth, phenology and yield.</p> <p>Based on the above mentioned, I recommend this paper for publication after performing the suggested corrections.</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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