

### Review Form 3

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_127098
Title of the Manuscript:	Enhancing Growth and Nutrient Use Efficiency in Potato through Nano Urea and Zinc Sulfate Application in Haryana
Type of the Article	Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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#### PART 1: Review Comments

<b>Compulsory</b> 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The application of nano urea and zinc sulphate in potato cultivation has demonstrated significant improvements in yield and yield attributes, showcasing an innovative approach to enhancing agricultural productivity. By utilizing these nanotechnology-based fertilizers, farmers can reduce their dependency on conventional chemical inputs, thereby mitigating the risks associated with chemical threats to both human health and the environment. This paper reflects the necessity for adoption of Nano formulations of urea and foliar spray of vital micronutrient (Zn) for increased measures taken for food security.	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is good but a suggestion from my side is to keep it like this; "Innovative Nutrient Solutions: Enhancing Potato Growth and Nutrient Use efficiency through Nano Urea and Zinc Sulfate Applications in Haryana"	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	It will be better to skip treatment details in abstract. Mention only no. of treatments in abstract, no detailing. Focus on best and poor treatment results only (for growth parameters and NUE).	
Are subsections and structure of the manuscript appropriate?	Yes, the manuscript is well written. A major refinement to be made by the author for final acceptance is that, use latest references or the good reputation of journal. Graphical representations make paper, Insert graphs of your analysed data for the study.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Based on the recorded observations of author, the data and final manuscript seems to be in well accordance with research findings of prior studies. Hence the paper is good for final publication after the incorporation of necessary suggestions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Already pointed out that reference list must be updated for the reputation of journal and more solid discussion of the study.	
Minor REVISION comments	Language is correct with some synonyms to be changed, that I highlighted in the reviewed paper	
Is the language/English quality of the article suitable for scholarly communications?		
<b>Optional/General</b> comments	I recommend to publish this article after incorporation of above-mentioned suggestions.	

#### 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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