

Review Form 3

Journal Name:	Asian Plant Research Journal
Manuscript Number:	Ms_APRJ_129162
Title of the Manuscript:	Biofortification of potato tubers with zinc fertilizer through soil
Type of the 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:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	Biofortification of potatoes is crucial for addressing global malnutrition, particularly in regions where dietary diversity is limited. By enhancing the nutrient content of potatoes, particularly with vitamins and minerals like iron and zinc, biofortification can significantly improve the nutritional status of populations vulnerable to deficiencies. This sustainable approach not only boosts food security but also supports farmer livelihoods by increasing the value of their crops in local markets	
Is the title of the article suitable? (If not please suggest an alternative title)	For attention of the reader the modified title is "Agronomic Strategies for Zinc Biofortification in Potato Tubers through Soil Fertilization"	
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.	The abstract of the article is too comprehensive. Kindly request to write it precisely by minimizing the words.	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Kindly add latest references that support the research work	

Review Form 3

<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>There are number of grammatical mistakes which I mentioned them in comment section</p>	
<p>Optional/General comments</p>	<p>Reviewer's comment In the abstract correct the characterized spelling Add s after Women and are not is in line no 3 cropping systems not cropping system Add the before adoption add hyphen between high and yielding Remove a before substantial</p> <p>is a long-term processess not process</p> <p>to the problem remove comma</p> <p>add a before useful remove hyphen among on-going</p> <p>add s with Amount</p> <p>Add the before reproductive growth</p> <p>remove hyphen bio-available</p> <p>Remove space between wide spread</p> <p>Add hyphen between malnutrition and related</p> <p>In introduction line no 3 Poudel et al. 2023) and add comma after bracket</p> <p>Add of after % in line3, 4 and 5th, add comma after stunted, add comma after and in quality and lack, add hyphen among cereal growing. Needs not need, add the among is and most , remove hyphen in bio-available, add hyphen among Zn deficient, add the after to</p> <p>Material and methods</p> <p>Add a before few minutes. Add and after 73 in Alu-73, BARI Alu-77, add a before dense root system, add hyphen among early maturing, replace the word somewhat with proper word, add hyphen among medium high, add comma after 6 potato genotypes and a, add comma among planted and maintaining, add in among resulting and 24 , reomove commma in soil, on concentration , add comma after powder, add hyphen among acid and digested ,add the among in and Soil, add a before at 5% level of probability, add the before of the soil properties</p> <p>Results part add comma after biotechnology, add comma among potato and but, add a before had significant, the sentences tuber yield of potato (data not shown) need correction I. e of the tuber and potatoes, add comma after the bracket in February-March), add the among when and average, remove space between hyphen 4 – 8 k and Zn1 – Zn2,add comma after Alu-77, add the among on and yield , add comma after year 2019-20, add a before decrease add comma after soil and add the in BARI Alu-53 variety</p> <p>In discussion remove comma in factors, may, add hyphen among soil applied, add comma after year , tubers not tuber throuhout the discussion, add the before ablility, concentrations not concentration, add hyphen in andigenum type, tuberosum type, add them after applying , correct the sentence because it is commonly used, add comma after methods then and rates, add the after in next higher,</p>	

Review Form 3

	<p>remove comma in plots, gave</p> <p>Rephrase the sentence In our trials we used zinc sulphate fertilizers because it is commonly used and readily available in Bangladesh</p> <p>Remove hyphen in Zn-rate, add a after tohigher rate, add as after partsa result</p> <p>Remove an in the sentence and add comma after synthesis which is an essentially, add the among for and growth, add the before glutamic, replace synthesis of with synthesising, add and after DNA, add comm after content, add hyphen among Soil applied, add comma after table bracket, add comma after ha⁻¹ and haulm, correct the spelling fulfill, correct by: i) with by i) ,add comma after soil, add hyphen among Zn enriched, and also among plant available</p> <p>In conclusion remove comma after Bangladesh, replace system</p> <p>With systems, wide spread with widespread, add in the after role, add comma after productivity, potatoe not potato, addcomma after uman health</p> <p>Kindly provide picture of your experiment</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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Sundus Malik
Department, University & Country	Institute of Biotechnology and Genetic Engineering, The University of Agriculture, Pakistan