

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_110054
Title of the Manuscript:	Impact of applying boron, zinc, and manganese foliarly on the yield attributes and yield of the potato (<i>Solanum tuberosum</i>) cultivar Kufri Chipsona-1 in the Gwalior climate
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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1- Yes, the manuscript includes some interesting results. However, I would suggest the following points (additional comments) to be answered and included within the paper.</p> <p>2- yes, it is suitable.</p> <p>3- its comprehensive. the grammatical mistakes should be removed.</p> <p>4- The subsections and structure of the manuscript are appropriate.</p> <p>5- Yes, it is scientifically correct if the points raised in the additional comments below are addressed properly.</p> <p>6- I would suggest the authors to include the following two references in the introduction section (mandatory):</p> <p>(a) https://www.nature.com/articles/s41598-021-95625-z</p> <p>(b) https://v3.pjsir.org/index.php/physical-sciences/article/view/540</p> <p>Additional comments</p> <p>1- The keywords are usually separated by semicolon.</p> <p>2- In the introduction section the authors claimed that Throughout the Gird region of Madhya Pradesh, the area and production of potatoes are 111.06 thousand hectares and 2425 Mt, respectively. Please provide a proper reference.</p> <p>3- Section 2.1, (Gwalior is located at 26o13 N latitude and 78o14' E) the degree sign must be written in superscript.</p> <p>4- Table 1, the column under category should not be left blank as it can confuse readers, the required information must be inserted at least in the first row!</p> <p>5- Table 2 should be discussed in the paper text. No information/Discussion related to table 2 has been provided in the main text of the paper.</p> <p>6- Section 2.2, the authors claimed that To create the spray solution, these concentrate solutions were further diluted with clear water. This can be diluted with some other liquids why the authors used water? Please discuss this in the same paragraph with proper references.</p> <p>7- Section 2.2, Thirty- and forty-five-days following potato planting, the first and second sprays were applied. Why not less or more days? Discuss!</p> <p>8- Section 2.3, In each plot, the recommended dosages of potassium, phosphorus, and nitrogen were administered in accordance with the protocols. What are the recommended dosages and protocols, discuss them in the same paragraph.</p> <p>9- By what means the statistical analysis was performed? Any software used? Please mention it with reference in section 2.5.</p> <p>10- Table 3 Table 3: Number of tubers/plant as influenced foliar application of of different micronutrients. This should be corrected</p>	

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	<p>11- Table 3, the number of plants is in points, how?</p> <p>12- Section 3.3, However, there were no significant variations in the weight of unsalable tubers per plant for any of the examined cultivars or foliar Zn + Mn treatments in 2005/2006. Why no significant variation was reported in this period? Please discuss it with proper references.</p> <p>13- Table 5, Yield of tubers/ plot (kg) as influenced foliar application of micronutrients. what is meant by plot it should be replaced by plant?</p> <p>14- In conclusion the profit and cost looks the same, the authors should confirm this.</p>	
Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	A thorough proofread is required as the paper contain grammatical and spelling mistakes.	
Optional/General comments		

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:

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