

**Review Form 3**

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_126957
Title of the Manuscript:	<b>Response of foliar sprays of plant growth regulators and micronutrients and their combinations on mor-phological, flowering and yield attributing traits of tomato at North -Bihar condition</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <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><b>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.</b></p>	<p>This manuscript is significant as it explores ways to enhance tomato yield and quality, a key challenge in horticulture, particularly in areas facing harsh climate conditions. The research examines the impact of plant growth regulators (PGRs) and micronutrients on tomato cultivation, offering valuable insights for boosting crop productivity in regions such as North Bihar. The findings could greatly benefit farmers and agricultural researchers focused on increasing tomato yields under both biotic and abiotic stresses. I value this manuscript for its detailed experimental evidence on PGR and micronutrient applications to improve yields. The emphasis on regional issues increases its relevance, and the robust statistical analysis strengthens the results. However, some sections could be refined for clearer communication to aid reader comprehension.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The title is appropriate and accurately reflects the content of the manuscript. It clearly states the main focus on the effects of foliar sprays of plant growth regulators and micronutrients on tomato plants in the North Bihar region, making it relevant to the study's findings.</p>	
<p><b>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.</b></p>	<p>The abstract is comprehensive but could benefit from minor revisions for clarity. It summarizes the objectives, methodology, and key results effectively, but the sentence structure could be more concise. Additionally, mentioning the specific variety of tomato used (Kashi Vishesh) and emphasizing the broader implications of the findings (e.g., potential applications in other regions) would improve its completeness.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The subsections and structure of the manuscript are appropriate. The study follows a logical flow, from the introduction and methodology to the results and discussion. Each section is distinct, and the data is well-presented in tables. However, more attention could be given to transitioning between sections for smoother reading.</p>	
<p><b>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.</b></p>	<p>This manuscript is well-grounded in scientific principles and methodologically solid. The study employs a suitable randomized block design aligned with its objectives, and the use of ANOVA for statistical analysis is thorough, lending credibility to the findings. The detailed presentation of morphological and yield characteristics across various treatments effectively underpins the study's conclusions.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>The references are sufficient and cover both foundational and recent studies relevant to the topic. However, it would be useful to include more recent research (post-2019) on the impact of climate change and PGRs on horticultural crops to further contextualize the study.</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The manuscript's English quality is mostly adequate for academic communication, though it could be refined in a few areas. There are a few minor grammar issues, and certain sentences are too complex. Making the language clearer and restructuring some sentences would improve readability while maintaining scientific accuracy.</p>	
<p><b>Optional/General</b> comments</p>	<p>This manuscript offers important insights into how plant growth regulators and micronutrients affect the growth and yield of tomato plants in North Bihar's climate. The research is well-organized, with detailed data analysis and meaningful findings that could greatly support advancements in tomato cultivation. However, enhancing language clarity and flow would improve its readability and strengthen its overall impact.</p>	

**Review Form 3**

**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>Pragalbh Tiwari</b>
Department, University & Country	<b>College of Forestry, Sam Higginbottom University of Agriculture, Technology and Sciences, India</b>