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| Journal Name: | [**Journal of Experimental Agriculture International**](https://journaljeai.com/index.php/JEAI) |
| Manuscript Number: | **Ms\_JEAI\_140159** |
| Title of the Manuscript: | **Optimizing okra growth, productivity and profitability using nanourea along with conventional fertilization** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **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.** | **The nanourea is known for its superior nutrient release and uptake efficiency, alongwith conventional fertilizers offers a synergistic approach that could lead to higher yields, reduced input costs, and improved economic returns for farmers. The integrated nutrient management strategy not only enhances okra production but also promotes sustainable agriculture by reducing fertilizer input. The present study suggests that use of nanourea alongwith conventional fertilizers is a promising method for improving okra production and productivity.** | The effectiveness of nanourea, particularly when applied *via* foliar application, stems from its minute particle size and vast surface area. These properties allow for rapid penetration into plant tissues, significantly boosting nitrogen use efficiency. This study highlights the importance of integrating nano urea with conventional fertilizers for optimized fruit productivity and profitability. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **No**  **Title should be:**  **1. Synergistic effects of nanourea and conventional fertilizers on growth and yield of okra**  **2. Integration of nanourea with conventional fertilizers to enhance growth, productivity and profitability of okra** | The suggestion has been accepted and the title ‘Optimizing okra growth, productivity and profitability using nanourea along with conventional fertilization’ has been changed to ‘Integration of nanourea with conventional fertilizers to enhance growth, productivity and profitability of okra’. |
| 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. | **Yes. But i have a suggestions:**  **Do not use word “tallest” for plant height. It is not appropriate. Use word “maximum”.** | The suggestion has been accepted and the word ‘tallest’ has been changed to ‘maximum’. Also the other suggestions made in file “Rev\_JEAI\_140159\_Vai\_A” have been accepted, related changes have been done and highlighted in the manuscript |
| Is the manuscript scientifically, correct? Please write here. | Yes. It is scientifically correct. | yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes.  Take a review of references.  Arrange all references in uniform format of journal.  2-3 references should be added. | 2 new references have been added and highlighted in the manuscript |
| Is the language/English quality of the article suitable for scholarly communications? | Yes.  The language could be improved. | I Agree and have made and highlighted necessary changes wherever required in the manuscript |
| Optional/General comments | **In Table 4,**  **1. nodes are not present.**  **2. You mention yield (kg/plot) in Table title. But in Table 4 it is yield (q/ha). Which one is correct ?** | The title of table 4 has been corrected , it includes data related to   1. Number of fruits (per plant) 2. Fruit yield per plant (g) 3. Fruit yield (q/ha) |

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| **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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |