Review Form 3

Journal Name:	**Journal of Scientific Research and Reports**
Manuscript Number:	**Ms_JSRR_130041**
Title of the Manuscript:	**Optimizing Okra Yield: The Synergistic Effects of Land Configuration, Mulching and Fertilizer Management**
Type of the Article	

PART 1: Comments

	Reviewer's comment	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. 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.	This manuscript findings contribute to the broader understanding of resource-efficient farming, which is critical for addressing food security and environmental conservation. This research offers a practical framework for improving crop productivity while reducing input costs, making it relevant for scientists, agronomists, and policymakers aiming to advance sustainable agricultural innovations.	
Is the title of the article suitable? (If not please suggest an alternative title)	**Title is fine. No corrections required**	
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.	**Contextual Justification:** Mention why optimizing okra yield is important for the agricultural sector. Briefly link to food security or economic relevance. **Conciseness:** The phrase "showed significantly higher growth attributes, fruit, and stalk yield of okra" can be simplified to "significantly enhanced growth, fruit, and stalk yield."	
Introduction	**Location Relevance**: Explain why the **Dapoli region** is suitable for this experiment, highlighting its soil properties and climatic conditions. **Statistical Data Source**: Cite a source for the production data on okra in India (e.g., "India is the second-largest producer..."). **Flow Improvement**: Split long sentences into more concise ones. For example, "Application of fertilizers with drip irrigation system which is called drip fertigation may be an ultimate solution..." can be restructured for readability.	
Materials and methods	**Methodological Justification**: Explain the logic behind fertigation in **10 splits at 7-day intervals starting after 30 DAS** and briquette application at **15 DAS**. What benefits do these timings provide for nutrient uptake or water efficiency?	
Results and discussion	**Statistical Terminology**: Replace "statistically at par" with a more reader-friendly term like "no significant difference was observed or comparable to each other." **Precision Farming Context**: When discussing precision farming techniques like fertigation, directly relate the general advantages to your study's findings (e.g., water-saving, nutrient efficiency).	
Conclusion	**Practical Implications**: Strengthen the conclusion by adding specific recommendations for farmers or policymakers based on your results.	
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.	yes	

Review Form 3

Is the language/English quality of the article suitable for scholarly communications?	Yes	
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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Chilakamari Lokesh**
Department, University & Country	**Professor Jayashankar Telangana Agricultural University, India**