

### Review Form 3

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_125575
Title of the Manuscript:	Promoting 4R Nutrient Stewardship through Behavior Change: A Case Study of Smallholder Farmers in Telangana, India
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:

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**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The study describes the use of the COM-B model to enhance the implementation of 4R nutrient stewardship among smallholders. The successful application of the COM-B model and its associated interventions demonstrates how behavior change frameworks can be utilized to educate farmers, leading to better farming practices and higher yields, particularly for smallholder farmers, who are often the most vulnerable in the global food production system. This study aligns with the scope of the Journal of Experimental Agriculture International (JEAi) and has the potential for publication in JEAi.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	This manuscript, while scientifically grounded in its application of the COM-B model and 4R nutrient stewardship, requires stronger evidence to fully substantiate its claims. Although the framework and interventions are theoretically sound, more detailed data and analysis of the experimental design are needed to solidify the findings. Especially by providing Table 2 and 3, authors need to provide detailed experiment design to support the analysis. I suggest the authors improve the evidence for the effectiveness of the COM-B model by providing <i>more detailed experimental design and supporting data</i> . While both the COM-B model and the 4R nutrient stewardship framework are theoretically sound strategies, they initially lacked robust data support when introduced. The 4R nutrient stewardship, when it first came out, was more of a conceptual discussion rather than a scientific paper backed by empirical evidence. Similarly, there is a need for more comprehensive data in this study on the simultaneous effects of these practices on key sustainability indicators to strengthen the conclusions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

**PART 2:**

	Reviewer's comment	Author's comment <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>
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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