

### Review Form 3

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_129517
Title of the Manuscript:	Impact of Improved Crop Management Practices in Rabi Groundnut through Frontline Demonstrations in Nagarkurnool District
Type of the Article	

#### **PART 1: 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>
<b>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.</b>	<b><i>This manuscript is important for the scientific community as it:</i></b> <ul style="list-style-type: none"><li>• helps to develop new hypotheses and build upon scientific discoveries on the impact of improved crop management practices on productivity and profitability of groundnut with a specific reference to frontline demonstrations;</li><li>• advances knowledge and on the subject studied sharing demonstrated scientific information with the academic/scientific community about findings of the impact of improved crop management practices on productivity and profitability of groundnut with a specific reference to frontline demonstrations;</li></ul>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>Suggested Title:</b> Impact of Improved Crop Management Practices on Productivity and Profitability of <b>(Rabi?)</b> Groundnut through Frontline Demonstrations in Nagarkurnool District As of my understanding, the word ' <b>RABI</b> ' is name of a season. If the term ' <b>RABI</b> ' is name of a SEASON, better to avoid it, or if it's name of a VARIETY, use it.	

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<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 not comprehensive since it does not incorporate at least the points mentioned below.</p> <ul style="list-style-type: none"> <li>• The type of the research design (descriptive, experimental, etc) and the research approaches (qualitative, quantitative, or mixed) used;</li> <li>• The size of the population (# of villages and # of groundnut grower farmers) of the study in the district;</li> <li>• why and how <b>Nandivaddeman village</b> was selected from other villages of the district; and how many groundnut grower farmers are there in <b>Nandivaddeman</b> village;</li> <li>• why and how were the 25 frontline demonstrations (farmers) were sampled from other farmers in the village; and</li> <li>• what are the recommendations of the study?</li> </ul>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<p>Based on the comments mentioned under the section discussing about the COMPREHENSIVENESS OF THE ABSTRACT and taking into account the comments stated below, I argue that the manuscript falls short to be said it's scientifically correct.</p> <p><b>Introduction section</b></p> <ul style="list-style-type: none"> <li>• the manuscript has a number of uncited information. Example: statement #1, #2, and #4 in paragraph 1; statement #6, #7, #8, #9, #10, in paragraph 2; statement #11, #12, #13, and #15 in paragraph 3 of the introduction section are uncited;</li> <li>• who conducted and when was the <b>regular survey on</b> groundnut grower farmers was conducted in <b>Nagarkurnool District? And</b> where is the evidence (source of data) also has no reference (Paragraph #4)</li> <li>• the literatures reviewed do not address the <b>Impact of Improved Crop Management (ICM) Practices on PROFITABILITY of Rabi Groundnut</b></li> </ul> <p><b>Material and Methods</b></p> <p>The material and methods section is the most unaddressed and, I suggest, in addition to the comments given above under the abstract section, it should answer the following questions.</p> <ol style="list-style-type: none"> <li>1. Where is the source of the data used as a base to compare the results of the frontline demonstrations? (i.e. the contractual data of the research). Is the data gathered from other groundnut farms used as control group (employing conventional practices) of same farmers involved in the demonstrations? Or from other control groups,</li> <li>2. Or, the researcher took the <b>DISTRICT AVERAGE PRODUCED</b> using conventional farming practices? If yes, state your source of data.</li> </ol> <p><b>Results and Discussion</b></p> <ul style="list-style-type: none"> <li>• How it is possible to evaluate the <b>Impact of Frontline Demonstrations on Adoption of Improved Package of Practices while it is still at its demonstration stage? Or is there any other data collected after the year 2021 and included in the study? If so, when and from whom</b> was the data addressing the <b>Impact of Frontline Demonstrations on Adoption of Improved Package of Practices</b> was gathered?</li> <li>• Or the researcher considered the farmers involved in the Frontline demonstrations as farmers adopted the ICM practices?</li> <li>• Inconsistent data: <b>the study claims:</b> <ul style="list-style-type: none"> <li>➢ increased groundnut pod yield by 17.4% (<b>Abstract</b>), and increased groundnut pod yield by <b>9.4% (Conclusion) (WHICH ONE IS CORRECT?); and</b></li> <li>➢ increased the gross returns by 17.3% (<b>Abstract</b>), net returns by 26% (<b>Abstract</b>) over farmer's practice (<b>Abstract</b>), and increased the gross returns by gross returns by 10.7% (<b>Conclusion</b>), and net returns by 21.2% (<b>Conclusion</b>) over farmer practice (<b>WHICH ONE IS CORRECT?</b>)</li> </ul> </li> </ul>	
<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>I believe, thirteen (13) references are insufficient; but, of the 13 references 12 (92.31%) are recent.</p>	

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<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language/English quality of the article is suitable for scholarly communications.	
<b>Optional/General</b> comments		

**PART 2:**

	<b><u>Reviewer's comment</u></b>	<b><u>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)</u></b>
<b><u>Are there ethical issues in this manuscript?</u></b>	<b><u>(If yes, Kindly please write down the ethical issues here in details)</u></b>	

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