

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_119812
Title of the Manuscript:	Demonstration on New Rice Variety Co 52 to Improve the Productivity in Cuddalore District of Tamil Nadu.
Type of the Article	

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The study's empirical data, experimental setup, and promotion of improved agricultural practices make it relevant for researchers, policymakers, and agricultural extension services aiming to improved food security and sustainability in similar agricultural settings. The manuscript on the introduction and demonstration of the new rice variety CO 52 in Tamil Nadu's Cuddalore District is significant for the scientific community. It showcases a 10.51% average yield increase compared to the existing variety, BPT 5204, highlighting its potential for enhancing rice productivity and farmer income.</p> <p>I suggest new title: Evaluation of CO 52 Rice Variety for Enhanced Productivity in Cuddalore District of Tamil Nadu.</p> <p>This study introduces and demonstrates the new rice variety CO 52 in Cuddalore District, Tamil Nadu, aiming to enhance productivity. Field trials showed CO 52 increased yields by 10.51% compared to BPT 5204, resulting in additional income for farmers. The findings underscore the potential of CO 52 to improve rice cultivation practices in the region.</p> <p>The structure follows from introduction to methods, results, and conclusion, which is standard for research papers. But there's no presented tables and figures that show the statistical analysis of the gathered data. In addition, I suggest to in the method section there are no parameters mentioned.</p> <p>I believe, there's a need to revise this article emphasizing the different parameters that will highlights the statistical procedure in table or figure form.</p> <p>Suggestions for additional Ref. 1. Include references to recent studies or reports that discuss the performance of newly released rice varieties similar to CO 52 I various region. 2. Include in the references that discuss the modern agricultural practices for rice cultivation, those that are relevant to improving productivity and sustainability.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, it is suitable.</p>	
<p>Optional/General comments</p>		

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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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