

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_109021
Title of the Manuscript:	Effect of integrated nutrient management on yield and yield attributes in Scented Rice (<i>Oryza sativa</i> L.)
Type of the Article	Research paper or could considered as a short communication

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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> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>This paper is about the Effect of integrated nutrient management on yield and yield attributes in Scented Rice. It is well written, although a revision on English language could benefit the quality of the paper.</p> <p>Particular comments:</p> <ol style="list-style-type: none"> 1- Please write the abstract in this way: <p>The current study was conducted at Barrister Thakur Chhedilal College of Agriculture and Research Station, Bilaspur, India, during the autumn season of 2019-20. The research focused on integrated nutrient management in scented rice, incorporating both organic and inorganic nutrient sources along with the recommended dose of fertilizers (RDF) at 100:60:40 NPK kg ha⁻¹. The experimental design employed a randomized block layout (RBD) with ten treatments and three replications, utilizing the Chhattisgarh Sugandhit Bhog variety of scented rice. The findings revealed noteworthy outcomes among the various organic and inorganic treatments. Notably, Treatment 6 (75% RDF + 5 tonnes of Vermicompost ha⁻¹ enriched with consortia) exhibited the highest grain yield of 35.78 q ha⁻¹, signifying significant superiority over other treatments. Treatment 5 (75% RDF + 5 tonnes of FYM ha⁻¹ enriched with consortia) closely followed with a grain yield of 34.24 q ha⁻¹, demonstrating comparable performance. Additionally, Treatments 4, 3, 2, and 10 showed promising results in terms of yield attributes. The superior performance of Treatment 6 in terms of higher yield and yield attributes, including the highest number of panicles per m² (349.36), underscores its effectiveness and significance in the context of integrated nutrient management for scented rice cultivation.</p> <ol style="list-style-type: none"> 2- Replace the <i>Kharif</i> season by the autumn season 3- Try to improve the introduction sector by adding recent references 4- Please rewrite the conclusion as following: <p>Based on the experimental findings, it is evident that the application of 75% RDF + 5 tonnes of vermicompost ha⁻¹ enriched with consortia emerges as a favorable choice for achieving higher production under integrated nutrient management. In contrast, the control group yielded poor experimental results. Integrated nutrient management demonstrated consistently superior outcomes across all stages of the crop. The combination of organic and inorganic fertilizers not only had a positive impact on rice yield but also contributed to the sustainability of soil production capacity. Therefore, integrated nutrient management holds promise as a more successful and profitable approach for scented rice cultivation.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>A revision on English language could benefit the quality of the paper</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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