



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Soil Science and Plant Nutrition</a>
Manuscript Number:	Ms_AJSSPN_33768
Title of the Manuscript:	Evaluation of Proportionate Combinations of Indigenous Rice Bran and Mineral Fertilizer for Improved Performance of Tomato ( <i>Lycopersicon lycopersicum</i> ) Under Low Fertile Soil conditions
Type of the Article	Original Research Paper

**General guideline for 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.

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(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<b>Compulsory</b> REVISION comments	<b>Line 100 to 104:</b> Authors had calculated nutrient uptakes (N, P and K) from plant analysis. When we read methodology, it is not clear that they include fruit in this analysis. Therefore, the nutrients uptakes are minimised. <b>SO AUTHORS MUST EXPLAIN THIS PART OF THE METHODOLOGY.</b>	Agreed and now included / corrected in the manuscript.
<b>Minor</b> REVISION comments	<p><b>TILLE</b>  <b>Evaluation of Combinations of Rice Bran and Mineral Fertilizer for Tomato (<i>Lycopersicon lycopersicum</i>) Growth, Fruit Yield and Nutrient Uptake Under Low Fertile Soil conditions of Nigeria</b></p> <p><b>ABSTRACT</b></p> <ol style="list-style-type: none"> <li><b>Line 15 to 16:</b> Data <del>collected</del> were collected on growth, yield parameters and nutrient uptakes from the soil. They were analysed using Analysis of variance (ANOVA).</li> <li><b>Line 20 :</b> significantly improved fruit yield by <del>831.5</del> 832% and <del>597.1</del> 597% respectively,</li> <li><b>Line 23 to 25:</b> Also, significantly prolonged leaf production was observed (which equally promoted prolonged flowering and fruiting), in tomato plants which received Rice bran applications at 50% level and above. <b>I think that, authors cannot conclude like that as they did not measured in their study the duration of leaf production (they measured only the number of leaves). They can put</b></li> </ol>	<p>I do not agree with the title modification.</p> <p>Line 15-16: agreed and corrected accordingly.</p> <p>I do not agree with changing or approximation of values. Every value was maintained into one decimal place.</p>



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	<p>this commentary in the discussions.</p> <p>4. <b>Line 29:</b> This will improve soil organic matter content. Please, put this sentence in discussion as soil organic matter has not been measured in the study.</p> <p>5. <b>Line 32 to 33:</b> Keywords: Tomato, <del>Proportionate Combinations</del>, Indigenous Rice Bran, Mineral Fertilizer, <del>Soil Fertility and Crop Performance</del>. growth, yield and nutrient uptakes.</p> <p><b>INTRODUCTION</b></p> <p>6. <b>Line 36:</b> It belongs to <del>the family solanaceae</del> solanaceae family</p> <p>7. <b>Line 38 :</b> Tomatoes are normally <del>propagated</del> established either by seeds</p> <p>8. <b>Line 43:</b> Tomatoes typically grow up to 1-3 meters in height (<del>when staked by support ???</del>) and have a weak stem that often sprawls over the ground and vines over other plants</p> <p>9. <b>Line 56:</b> many <del>tonnes</del> tons</p> <p><b>MATERIALS AND METHODS</b></p> <p>10. <b>Line 83 :</b> T5 = application of 100% Rice bran (<del>and corresponded to xxx tons of rice bran at yyy % dry matter per ha</del>)</p> <p>11. <b>Line 98:</b> <del>Moreso</del> More so</p> <p>12. <b>Line 87:</b> (<del>4WAT</del>). Authors did not use it after so they can delete it.</p>	<p>The observation was based on the number of leaves per plant at the end of the experiment, which was found significant. Others were agreed upon and corrected accordingly.</p>
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	<p><b>RESULTS AND DISCUSSIONS</b></p> <p>13. Table 4. 4<sup>th</sup> colon (cumulative number of fruitplant<sup>-1</sup>)</p> <p>14. <b>Line 212:</b> Authors did not measure leaf shading. They measured the number of leaves per plant. So, they would discussed about the number of leaves they counted at early boom flowering.</p>	
<b><u>Optional/General</u></b> comments	ANY	