

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_103663
Title of the Manuscript:	INFLUENCE OF SPACING, AGE OF SEEDLING AND BIO NPK CONSORTIUM ON GROWTH, YIELD ATTRIBUTES AND YIELD OF TRANSPLANTED RICE
Type of the Article	Original Research Article

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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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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>1.0 The manuscript is relevant for the scope of International Journal of Plant & Soil Science, analyzing different parameters of rice growth and seedling conditions.</p> <p>2.0 The title is suitable.</p> <p>3.0 The abstract is comprehensive.</p> <p>4.0 The subsections must be numbered.</p> <p>5.0 The manuscript is scientifically correct.</p> <p>6.0 The references are few (seven references). The most recent is from 2018 and the rest compass the years of 2002-2010.</p> <p>The Author Guidelines suggests for an original research paper a number of 3000-6000 words. The manuscript presents 2587 words. I advise you to complement your text with more references and cite the data that you explored. For example, in the first paragraph of the Introduction, there is information that should be sustained by reference, such as:</p> <p>"...for more than 65% of the people and it provides employment and livelihood security to 70% of Indian population"</p> <p>"At the moment, the production is less than 600 million tonnes. And hence the additional 200 million tonnes of rice have to be produced by increasing productivity per unit area".</p> <p>Try to explore more information about rice production and market. Here there is an update from FAO (2023) that shows rice price index. (https://www.fao.org/markets-and-trade/commodities/rice/fao-rice-price-update/en/).</p> <p>In the text, citations should be followed by the reference number in brackets [x].</p> <p>In the reference list, follow the Author Guidelines structure:</p> <p>. Hilly M, Adams ML, Nelson SC. A study of digit fusion in the mouse embryo. Clin Exp Allergy. 2002;32(4):489-98.]</p> <p>Note: List the first six authors followed by et al.</p> <p>Note: Use of DOI number for the full-text article is encouraged. (if available).</p> <p>Note: Authors are also encouraged to add other database's unique identifier (like PUBMED ID).</p> <p style="text-align: center;">--/--</p> <p>Introduction - At the end of the Introduction, write a paragraph that shows the aim of the research.</p> <p>Material and methods - The statistical analysis must be described at the end of 'Material and methods', with the respective reference.</p>	

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	<p>Results and Discussion</p> <ul style="list-style-type: none"> - Tables should be formatted with no vertical lines. - “Results shown under Table 1 revealed that the plant population recorded at 20 DATP and at harvest was found significant...” - You must describe the meaning at the first time which the ‘DATP’ acronym is used. - In Table 1, ‘DATP’ meaning must be explained in footnote or in the table title. - You should explore more about the lack of effectiveness for the seedling treatment with Bio NPK consortium. Try to compare to data in the literature and analyze possible mechanisms that could influence the results. <p>Conclusion</p> <ul style="list-style-type: none"> - Add some information about future perspectives of this study. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. The language is suitable for scholarly communications. The text is well written.</p> <p>Below are comments and suggestions to improve the text.</p> <p>Abstract</p> <ul style="list-style-type: none"> - “...panicle weight (7.01 g), number of grains(207.89/panicle, grain,...” – grains (207.89/panicle). - “...number of grains (201/panicle, grain yield (5200 kg/ha) and straw...” – (201/panicle). <p>Keywords</p> <ul style="list-style-type: none"> - “...Bio NPK consortium and Bio fertilizer” – “...Bio NPK consortium, biofertilizer. <p>Introduction</p> <ul style="list-style-type: none"> - “...according to FAO, the global rice requirement in 2025 will be of the order of 800 million tones” – Use the FAO reference and cite in the text: “...according to FAO, the global rice requirement in 2025 will be the order of 800 million tones [x]”. - “Application of nitrogenous bio fertilizers resulted...” – biofertilizers. <p>Material and methods</p> <ul style="list-style-type: none"> - “...width were prepared and given 20 kg FYM...” – farmyard manure (FYM). - Replace all ‘@’ with ‘at’. - “...applied at transplanting in the form of Ammonium sulphate...” – lowercase letter. <p>Results and Discussion</p> <ul style="list-style-type: none"> - Correct all ‘non significant’ and ‘non- significant’ to ‘non-significant’. 	
<p>Optional/General comments</p>		

PART 2:

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

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