

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_110527
Title of the Manuscript:	The Growth of Rice Plants on Combination of Liquid Organic Fertilizer Based of The Water Hyacinth
Type of the Article	Original Research Article

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)
Compulsory REVISION comments		
Is the manuscript important for scientific community? (Please write few sentences on this manuscript)	<p>"The Growth of Rice Plants on Combination of Liquid Organic Fertilizer Based on Water Hyacinth" presents research that explores the impact of a specific type of liquid organic fertilizer (LOF) derived from water hyacinth and palm wine on the growth of rice plants. Understanding the importance of this manuscript for the scientific community involves several aspects:</p> <p>Agricultural Research: It addresses an important aspect of agricultural research—improving soil fertility and crop productivity using organic fertilizers. Given the global focus on sustainable agricultural practices, this study contributes to understanding alternative fertilization methods.</p> <p>Environmental Sustainability: As it explores the use of water hyacinth, an invasive aquatic plant, as a raw material for liquid organic fertilizer, the manuscript touches upon an important aspect of environmental sustainability. Finding ways to utilize and manage invasive species sustainably is relevant for ecological balance.</p> <p>Nutrient Management: Understanding the impact of specific organic fertilizers on plant growth and yield is crucial for developing strategies that ensure optimal nutrient management, reduce dependency on synthetic fertilizers, and maintain soil health.</p> <p>Considering these points, the manuscript contributes to the scientific community's understanding of organic fertilizers' impact on crop growth, providing potential pathways for sustainable agriculture and soil management. However, the significance of the study may vary based on the specific context, ongoing research trends, and the broader research landscape in the field of agriculture and environmental sciences.</p>	<ol style="list-style-type: none"> 1. Plant height (cm). Plant height measurements were carried out 4 times starting from the age of the plants 2, 4, 6 and 8, weeks after planting. Measurements are taken from the base of the stem to the growing point of the plant using a ruler. 2. Number of tillers, observing the number of tillers was done by counting all the tillers that grew in the 8th week after planting. 3. Panicle length (cm), observation of panicle length was carried out at the age of 112 days after planting, namely by measuring from the base of the first segment of the appearance of the grain to the tip of the last panicle. 4. Seed weight per panicle (g). Seed weight per panicle was measured at 112 days after planting, namely by weighing each panicle complete with rice seeds in the panicles without drying.
Is the title of the article suitable? (If not please suggest an alternative title)	YES	
Is the abstract of the article comprehensive?	YES	
Are subsections and structure of the manuscript appropriate?	YES	
Do you think the manuscript is scientifically correct?	YES	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	More recent references should be added	
(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)		We have used the latest references

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	We have corrected the manuscript as requested by the reviewer. Based on the results of the review provided by the reviewer, in our opinion there are no mental improvements other than the addition of the latest references. In our opinion, the references we use are still in the newest category. Thank You