

Review Form 1.7

Journal Name:	Asian Journal of Agricultural and Horticultural Research
Manuscript Number:	Ms_AJHR_115588
Title of the Manuscript:	EFFECTS OF LAND PREPARATION METHOD AND ORGANIC SOIL AMENDMENT ON SOIL PROPERTIES, GROWTH AND YIELD OF MAIZE (ZEA MAYS).
Type of the Article	Original Research 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>1. The manuscript is important for scientific community.</p> <p>2. The title of the article is suitable</p> <p>3. The abstract of the article comprehensive. But should add during June - October 2022 (S1) and November - March 2023 (S2).</p> <p>4. Subsections and structure of the manuscript are appropriate</p> <p>5. The manuscript is scientifically correct. But should add Authors should add data of rainfall and how to control irrigation for the experiments</p> <p>6. The references are sufficient and recent</p>	<p>Added</p> <p>Irrigation control is explained on the materials and methods.</p>
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Language/English quality of the article is suitable for scholarly communications.</p>	
<p>Optional/General comments</p>	<p>Authors should add:</p> <p>1) Main plot size? Split plot size? As above mentioned: 2 x 2 = 4 square meter. This is too small for plot size of soil and fertilizer experiment, because of border row, border plant and soil moisture variation effects. Normally we conduct 6 rows of maze (6 rows x 5.25 m long x 0.7 m wide = 22.05 square meter for split plot size). Please refer to http://researchjournal.co.in/upload/assignments/4_280-282.pdf; https://www.sciencedirect.com/science/article/pii/S2468227619307021; https://www.scirp.org/journal/paperinformation?paperid=102549” https://www.scielo.cl/pdf/jsspn/v17n1/aop0217.pdf;</p> <p>2). Why no collection of data on disease and insect during vegetative growth and maturity, especially ear aspect (including ear rot rate, grain color, husk cover etc...). Please provide more data on these criteria. Please refer https://books.google.com.vn/books/about/Managing_trials_and_reporting_data_for_C.html?id=WT7iNw2rRzgC&redir_esc=y; Instructions for Surveying, Comparing and Testing Hybrid Corn Varieties (Vietnam Agricultural Publishing House, 2013); Readers interested in this book should contact directly Dr. Le Quy Kha, Email: lquykha@gmail.com. In many cases, grain yield of a maize hybrid is rather lower than other hybrids, but stable and attractive ear aspect, the farmers still prefer the lower and stable yield as well attractive ear aspect. For more concerning criteria data collection;</p> <p>3). Table 1)(All Table ordinal number should be in capital T, Please check all these mistakes;</p> <p>4). In Table 1, all P values <0.0001 for split plot, please indicate the same, please check all other tables;</p> <p>5). Authors should add data of rainfall and how to control irrigation for the experiments at the end of subsection 1. Because the grain yield of maize under irrigation can be 50% different in compared to rainfed condition.</p> <p>6). Why in the same experiment, how can this P value for split plot be different from the P value</p>	<ul style="list-style-type: none"> Added the main plot size Pest and diseases was not part of the objectives. Corrected

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	when discussing on other criteria?; 7). Authors should add during June - October 2022 (S1) and November - March 2023 (S2) in the Abstract;	<ul style="list-style-type: none">• Corrected• How irrigation was controlled is explained in materials and methods.• Corrected• Added
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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)	