

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_114741
Title of the Manuscript:	Comparison of straw mulching and herbicide levels for control of various weed species in maize (Zea mays L.)
Type of the Article	

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PART 1: Review Comments

	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>
<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>1) The research paper titled "Comparison of straw mulching and herbicide levels for control of various weed species in maize" holds significant importance within the agricultural domain, particularly in the cultivation of weeds, which is recognized as one of the most rapidly growing and profitable crops. The study investigates the dual nature of weed cultivation, acknowledging both its positive and negative impacts on the agricultural sector. By comparing the efficacy of straw mulching and herbicide levels in maize weed control, the research paper has the potential to revolutionize agricultural practices. This comparative analysis extends beyond mere crop management and delves into broader implications for environmental sustainability. The findings offer valuable insights that can shape and optimize weed control strategies, considering the positive outcomes for crop yield and quality.</p> <p>2) The title "Comparison of straw mulching and herbicide levels for control of various weed species in maize (Zea mays L.)" is clear and specific. It provides important details about the comparison, the target crop (maize), and even specifies the scientific name of the maize plant. This level of detail is helpful for researchers, agronomists, and individuals interested in weed control in maize cultivation. The inclusion of the scientific name (Zea mays L.) adds precision and clarity, making the title suitable for a research paper.</p> <p>3) The abstract effectively captures the essence of the research, providing a clear overview of the study's objectives, methodology, and significant results. The inclusion of scientific names adds precision to the understanding of the weed species involved.</p> <p>4) The research paper is meticulously structured, effectively communicating its objectives, methodology, data analysis techniques, and software utilization. Each subsection is appropriately organized, providing clarity and coherence throughout the manuscript. In-text citations are consistently and clearly referenced, attributing information to its respective source. The inclusion of tables further enhances the presentation of data, contributing to the overall comprehensibility of the research. The manuscript demonstrates a robust and well-organized structure, ensuring a comprehensive and accessible presentation of the study's content</p> <p>5) The research has been executed with scientific rigor, incorporating the judicious use of focus groups and comparisons. These methodological choices, recognized as potent tools in scientific inquiry, synergistically enhance the research's comprehensiveness. The strategic combination of focus groups and comparisons imparts a nuanced and robust understanding of intricate phenomena, underscoring the study's commitment to methodological depth and scientific validity. This approach attests to the researcher's meticulous design, ensuring a comprehensive exploration of the research objectives and contributing to the credibility of the study within the scientific community.</p> <p>6) The conducted experiment in 2017 highlights the need for attention to the temporal relevance of citations. As per standard practice in scientific research, it is imperative to ensure that references remain current, typically within a timeframe of five years. This temporal consideration strengthens the research by incorporating the latest developments and insights in the field. Therefore, for the purpose of enhancing the robustness and contemporaneity of the study, the inclusion of more recent references within the time frame of 2010 to 2017 and pertinent research links is recommended. This would not only align the research with the latest advancements but also bolster</p>	

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<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>its credibility within the scholarly community.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language employed in this manuscript is well-suited for the scholarly community, demonstrating a professional and research-oriented tone. The use of scientific terminologies related to variables enhances the precision and specificity of the content. Notably, the text strikes a commendable balance by being both comprehensive and accessible, ensuring that readers within the academic community can easily grasp the intricate details of the research. This linguistic approach contributes to the manuscript's effectiveness, professionalism, and overall suitability for scholarly communication.</p>	
<p>Optional/General comments</p>	<p>The research paper demonstrates a commendable level of scientific rigor, employing a thorough methodology and effectively utilizing both focus groups and comparisons. The inclusion of specific details, such as soil characteristics, experimental design, and weed control measures, enhances the overall clarity and reliability of the study.</p> <p>To further improve the quality of the research paper, consider incorporating graphical representations, such as figures or charts, to visually convey key data points or trends. This addition can enhance the visual appeal of the paper and aid in conveying complex information more effectively.</p> <p>Moreover, it is recommended to update references to include more recent publications within the past five years. This adjustment would strengthen the paper by incorporating the latest advancements in the field, ensuring that the research remains aligned with the most current scientific literature. Overall, these suggested enhancements would contribute to the effectiveness and impact of the research.</p> <p>The research paper is ready for publication as is, with the option for the researcher to enhance its value by incorporating the latest references.</p>	

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)
<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>	<p>•</p>

Reviewer Details:

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