

Review Form 3

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_128126
Title of the Manuscript:	Effect of mexcian sunflower (Tithonia diversifolia) extract on the growth and herbage yield of lemon grass (cymbopogon flexuosus) var. krishna
Type of the Article	Original Research Article

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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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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript is significant for the scientific community as it explores the potential of <i>Tithonia diversifolia</i> extract as a sustainable alternative to chemical fertilizers in enhancing the growth and herbage yield of lemongrass (<i>Cymbopogon flexuosus</i> var. Krishna). By providing evidence of its nutrient-enriching and growth-promoting properties, the study contributes to the advancement of organic farming practices and sustainable agriculture. Additionally, it underscores the value of integrating natural resources into crop management systems, offering insights into eco-friendly solutions that improve crop productivity while maintaining environmental health	The study investigates the capability of Mexican sunflower extract for the promotion of growth and yield in this valuable medicinal and aromatic plant called lemon grass. This means that the production of lemon grass and its valuable essential oils will be increased. It is low input fertilizers compared to synthetic fertilizers which will be benefit the farmers.
Is the title of the article suitable? (If not please suggest an alternative title)	Focus on Application or Relevance: If the manuscript emphasizes broader implications, such as sustainability or organic farming, the title could reflect this aspect. For example: <i>"Potential of Mexican Sunflower (Tithonia diversifolia) Extract in Enhancing Growth and Herbage Yield of Lemongrass (Cymbopogon flexuosus) var. Krishna"</i> Conciseness: While the current title is clear, a more concise version might increase its impact: <i>"Impact of Mexican Sunflower Extract on Lemongrass Growth and Yield"</i> . Overall, the title is suitable but could be slightly refined depending on the specific emphasis or target audience of the manuscript.	<i>Potential of Mexican Sunflower (Tithonia diversifolia) Extract in Enhancing Growth and Herbage Yield of Lemongrass (Cymbopogon flexuosus) var. Krishna"</i>
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Remove excessive methodological details or background information that can be found in the main text. Avoid broad or vague statements like "improved growth and yield" without specifying the extent or significance.	Excessive methodology details have been concised and statements have been corrected
Is the manuscript scientifically, correct? Please write here.	YES	YES
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	YES	YES
Is the language/English quality of the article suitable for scholarly communications?	YES	YES
<u>Optional/General</u> comments	NO	NO

PART 2:

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