

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

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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 highlighted the importance of Mexican sunflower in improving the soil health along with its impact on growth and yield of lemongrass. This will helps to increase the productivity of lemongrass.	This manuscript highlights the potential of tithonia which is underutilised plant which reward an promising alternative to chemical fertilizers
Is the title of the article suitable? (If not please suggest an alternative title)	Yes Spell correctly either it is Mexcian Sunflower or Mexican Sunflower. Also may add Mexican Sunflower Leaf extract – may represent the content of manuscript	The spelling has been corrected
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.	Add the either increasing or decreasing trend of growth parameters and yield parameters corresponds to increase in concentration of Mexican Sunflower extract as well as with period of transplanting.	Sentence has been included
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.	References are sufficient Replace Gaur, 1991 with recent researcher.	Reference with recent researcher have been replaced
Is the language/English quality of the article suitable for scholarly communications?	Yes	yes
Optional/General comments	1. In Materials and Methods: The method showed that, the sample of 100 gm of shoot of Mexican Sunflower was taken and at the end the final filtrate was served as leaf extract – correct. I declare that I have no competing interest as a reviewer.	no

PART 2:

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