

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_126405
Title of the Manuscript:	Effect of weed management practices on weed control, growth and fruit yield of grapes (Vitis vinifera)
Type of the Article	

Review Form 3

PART 1: Review Comments

<u>Compulsory</u> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript aims at standardizing weed control practices which are mandatory to be done by farmers. Existing weed control practices include manual weeding by labour which is quite cumbersome procedure and increase the cost of production over a larger area. However, adapting to chemical weed control can help farmers to cut down the cost of manual labour to major extent. So, this paper aims at finding the optimum dose of broad-spectrum herbicide in order to minimize the wastage and provide the best outcome at minimum input.	
Is the title of the article suitable? (If not please suggest an alternative title)	Analysing efficacy of chemical and mechanical weed control methods to growth and quality enhancement in grapes.	Changed the topic as per the Reviewer comments
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.	Abstract is fine	
Are subsections and structure of the manuscript appropriate?	The result and discussion should only consist of results and discussion not material and methods <i>i.e.</i> physical compatibility section, consider it under material and methods. Also consider using a single script for formatting of text. Use equation tool for writing equations. In few paragraphs beginning of para is having large space.	Corrections made as per the comments by the reviewer.
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Analysis is correct but the explanation about why did hand weeding turned out to be best (add more discussion about this). The manuscript require more careful proof reading for acceptance.	Included in the discussion part as per the Review's comments
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Add a more of discussion. The refences need to be properly set according to journals guidelines	Revised
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Needs revision <i>e.g.</i> Significantly lower number of total weed population was observed in hand weeding treatment (T6). Revised version: Manual weeding (T ₆) resulted in significantly lower weed population.	Revised
<u>Optional/General</u> comments	Consider adding the expenditure on each type of weed control method and then if it can be compared on the basis of amount of money spent was actually worth the yield gain or not.	As it is the newer herbicide molecule given for testing bio efficacy and phytotoxicity, the cost of herbicide was not given during the study period. Registration is in progress. Hence, couldn't able to calculate the benefit cost of ratio.. At this stage, based on the yield increment and control of weeds we can substantiate the results.

Review Form 3

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