

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_108578
Title of the Manuscript:	Integrated weed management in summer sesame (sesumun indicum L.)
Type of the Article	Original Research Article

Review Form 1.7

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>= Treatments were weed free (IC fb HW at 20 and 40 DAS), weedy control, pendimethalin 30 EC 0.750 kg/ha PE application fb IC+HW at 30 DAS, pendimethalin 30 EC 1.0 kg/ha PE application fb IC+HW at 30 DAS, oxadiargyl 6 EC 75 g/ha PE fb IC + HW at 30 DAS, oxadiargyl 6 EC 90 g / ha PE fb IC+HW at 30 DAS, quizalofop-ethyl 5 EC 40 g/ha PoE 20 DAS fb IC+ HW at 40 DAS, quizalofop-ethyl 5 EC 50 g/ha PoE at 20 DAS fb IC+ HW at 40 DAS, pendimethalin 30 EC 0.75 kg/ha PE fb quizalofop-ethyl 5 EC 40 g/ha at 30 DAS and pendimethalin 30 EC 1.0 kg/ha PE fb quizalofop-ethyl 5 EC 40 g/ha at 30 DAS.</p> <p>=The results revealed that significantly maximum seed yield (0.90 t/ha), stalk yield (2.14 t/ha), number of capsules per plant (73.1) and number of branches per plant (5.2) were obtained under weed free (IC fb HW at 20 and 40 DAS) treatment with maximum net realization (₹52322/ha).</p> <p>=Minimum weed density at harvest/m² and weed dry weight/m² (67.17/m² and 32.51g/m²) and maximum weed control efficiency (71.62%) were found under weed free (IC fb HW at 20 and 40 DAS).</p> <p>The title of the article is suitable</p> <p>The abstract of the article is comprehensive</p> <p>Subsections and structure of the manuscript are appropriate</p> <p>The manuscript is scientifically correct</p> <p>The references are sufficient and recent</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English quality of the article is suitable for scholarly communications</p>	
<p>Optional/General comments</p>	<p>= A field research was evaluated at the Seed Technology, S. D Agricultural University, Sardarkrushinagar-385506, Banaskantha (North Gujarat) in the year between <i>summer</i> 2019 to 2021 to study the effect of weed management practices in summer sesame. Experimental plot was loamy sand in texture with low organic carbon and available N, medium in available P₂O₅ and high in available K₂O.</p> <p>= It was Concluded that effective control of weeds in summer sesame along with higher yield could be achieved by weed-free (IC fb HW at 20 and 40 DAS) as and when required or application of pendimethalin 30EC 1.0 kg/ha PE application fb IC+ HW at 30 DAS, pendimethalin 30EC 0.750 kg/ha PE application fb IC+ HW at 30 DAS under North Gujarat agro-climatic conditions of Gujarat.</p> <p>=Please check the text carefully</p> <p>=DAS?</p>	

Review Form 1.7

	<p>=Effect (what?) on crop yield, ... =Please submit Conclusion =Please explain: Modified QuECHERS LCMS method =Please arrange more clear: experimental design [about variation (1), (2), (3), ...]</p>	
--	---	--

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

Reviewer Details:

Name:	Tran Van Minh
Department, University & Country	School of Biotechnology, International University Ho Chi Minh City, Vietnam National University, Vietnam