

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_111269
Title of the Manuscript:	Effect of Irrigation and nutrient management studies on Sesame (Sesamum indicum L.)
Type of the Article	Original Research Article

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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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Is very important to know the how irrigation regimes and nutrient management on sesame productivity during summer season.</p> <p>Its ok</p> <p>Completely covered the research information, comprehensive.</p> <p>Well design of experiment, excellent compilation of data and its presentation.</p> <p>Scientifically executed the experiment</p> <p>Sufficient</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Suitable</p>	
<p>Optional/General comments</p>	<p>Author has conducted experiment to know the Effect of Irrigation and nutrient management studies on Sesame (<i>Sesamum indicum</i> L.) and concluded that the application of 2 irrigations at 21 and 42 days after sowing produced significantly higher yield (629.84 kg ha⁻¹) compared to highest in 3 irrigations at 21, 42 and 63 days after sowing (643.49 kg ha⁻¹). 75% RDF, 2 t/ha FYM and Jeevamrut @250 l/ha recorded significantly higher yield (632.99 kg ha⁻¹) comparison with 100% RDF, 2 t/ha FYM and Jeevamrut @250 l/ha (652.21 kg ha⁻¹). It is further infrared that the summer sesame recorded significantly higher seed yield (676.5 kg ha⁻¹), net return (Rs. 19966.00/-/ha) and benefit : cost ratio (1.68) in 3 irrigations at 21, 42 and 63 days after sowing with 100% RDF, 2 t/ha FYM and Jeevamrut @250 l/ha application. However, significantly no yield loss occurred in 2 irrigations at 21 and 42 days after sowing with 75% RDF, 2 t/ha FYM and Jeevamrut @250 l/ha application (654.2 kg ha⁻¹) and highest water use efficiency calculated (2.72 kg ha⁻¹ mm⁻¹) in 2 irrigations at 21 and 42 days after sowing with 100% RDF, 2 t/ha FYM and Jeevamrut @250 l/ha application.</p>	

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	<p>The introduction chapter clearly emphasized the importance of investigation and rationality in selection of the problem.</p> <p>The study was planned with a clear cut and well defined objective framed in the experiment to come out with useful findings. The study has been meticulously planned and conducted with appropriate statistical design to fulfil the scientific norms and to bring out an exact answer to the objective. The materials used and methods employed have been clearly indicated and all are with a scientific base.</p> <p>The data on various aspects has been presented systemically after subjecting to appropriate statistical scrutiny. The study result was presented in a well organised way. The results are summarised properly and valid conclusions are drawn.</p> <p>Article is recommended for publication</p>	
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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>	

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