

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_104333
Title of the Manuscript:	EFFECT OF PHOSPHORUS AND SULPHUR ON GROWTH AND YIELD OF LENTIL (<i>Lens culinaris medik.</i>)
Type of the Article	Original Research Article

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

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The paper presents the results regarding the modification of the lentil growth parameters, the yield variation, and the weight obtained after carrying out some experiments applying 10 treatments in which different amounts of phosphorus and sulphur were used. At the same time, an economic analysis is presented from the point of view of profitability and the cost-benefit ratio.</p> <p>2. yes</p> <p>3. yes</p> <p>4. yes</p> <p>5. yes</p> <p>6. Suggest to include some references for upgrade your study. Niranjan Reddy Yadavalli, Umesha Chil, Umesha Chil, L.K. Sanodiya. <i>Effect of phosphorus and sulphur levels on growth and yield of lentil (Lens culinaris L.)</i>. September 2022 Environment Conservation Journal 23(3):313-319. DOI: 10.36953/ECJ.9792221 Togay, Y. Togay, N. and Dogan, Y. (2008). <i>Research on the effect of phosphorus and molybdenum applications on the yield and yield parameters in lentil (Lens culinaris Medic.)</i> African Journal of Biotechnology 7 (9): 1256-1260 Togay, Y., Togay, N. Erman, M. and Dogan, Y. (2008). <i>Performance of dry bean (Phaseolus vulgaris) as influenced by phosphorus and sulphur fertilization</i>. The Indian Journal of Agricultural Sciences. 78 (4): 299-303 Necat Togay and Dursun Parsak. <i>Performance of lentil [lens culinaris (medic.)] as influenced by sulphur and phosphorus fertilization</i>. AGRICULTURAL RESEARCH COMMUNICATION CENTRE. Legume Res., 37 (6) : 607-613, 2014 Aditya Delu and BS Brar. <i>Effect of different level of sulphur on growth and yield of lentil crop: A review</i>. International Journal of Chemical Studies 2021; 9(1): 193-197. DOI: https://doi.org/10.22271/chemi.2021.v9.i1c.11232 Anpur Saikiran Goud, Rajesh Singh and Punnam Chhetr. <i>Effect of Spacing and Phosphorus Levels on Growth and Yield of Lentil (Lens culinaris Medikus)</i>. Biological Forum – An International Journal 13(4): 181-184(2021) Guriqbal Singh, Hari Ram, H.S. Sekhon, Navneet Aggarwal and Veena Khanna. <i>Effect of Nutrient Management on Nodulation, Growth and Yield of Lentil (Lens culinaris Medik.) Genotypes</i>. American-Eurasian Journal of Agronomy, 4 (3): 46-49, 2011</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	The content of the manuscript is suitable for publication	

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

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