

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_100800
Title of the Manuscript:	Impact of some organic additives on oxidoreductase enzyme for enhancing physical and chemical properties soil and lettuce (<i>Lactuca sativa</i> L.) yield quality
Type of the Article	Original paper article

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 manuscript is important for scientific community, knowing that the increase in agricultural production negatively affects soil, air and water resources. In the current eco-environmental context, the deterioration of soil fertility is one of most pressing issues facing agricultural productivity, and according to a report of the Global Environment Facility, the depletion of soil nutrient reserves being mainly attributed to soil organic matter deficiency. The authors concluded that further studies should be conducted in the future to know the effect of the combined addition of vinasse, olive pomace and K-humate on the physical, biological and chemical properties of sandy soils, as well as their effect on improving the efficiency of water and nutrient use.</p> <p>2. Yes, the title of the abstract is suitable, the present manuscript aiming at studying the potentiality of partially substituting mineral fertilizers by some organic additives on growth and yield of lettuce grown on a clayey soil and a sandy one as well as their chemical and physical properties.</p> <p>3. The abstract of the article is comprehensive.</p> <p>4. The subsections and structure of the manuscript are appropriate.</p> <p>5. Yes, the manuscript is scientifically correct. The text is clear and easy to read.</p> <p>6. The list of references is large and relatively recently.</p>	<p>Noted</p> <p>Noted</p>
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The English quality of the article is suitable for scholarly communications.</p>	<p>Noted</p>
<p>Optional/General comments</p>	<p>Attention at the reference list. Is not written uniformly. Please to verify the instructions for authors. Furthermore, some names of species are not italic. Please to correct!</p> <p>Liu, C.-W.; Sung, Y.; Chen, B.-C.; Lai, H.-Y. (2014) Effects of Nitrogen Fertilizers on the Growth and Nitrate Content of Lettuce (Lactuca sativa L.). Int. J. Environ. Res. Public Health 11, 4427–4440.</p> <p>Mostafa Seleem, Naglaa Khalafallah , Raghda Zuhair , Adel M. Ghoneim , Mahmoud El-Sharkawy and Esawy Mahmoud, (2022), Effect of integration of poultry manure and vinasse on the abundance and diversity of soil fauna, soil fertility index, and barley (Hordeum aestivum L.) growth in calcareous soils, Seleem et al. BMC Plant Biology (2022) 22:492 https://doi.org/10.1186/s12870-022-03881-6.</p>	<p>Revised</p>

PART 2:

[Review Form 1.7](#)

	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>	