

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_114225</b>
Title of the Manuscript:	<b>Impact of bio and organic adamants and per-sowing seeds magnetic field together with mineral nitrogen fertilizer on some soil physical and chemical properties and faba bean productivity under saline soil conditions.</b>
Type of the 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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>The importance of the investigation is beyond doubt. Some disadvantages of the utilization of chemical fertilizers have been known for a long time. But such fertilizers are still widely used. The revelation of the alternative methods to increase soil fertility is unquestionable actual.</p> <p>The authors consider two possibilities to improve soil characteristics and increase total yield. The first one is use of the organic fertilizers and the second one is seeds' magnetization. The experimental work is well described, although a few remarks can be given.</p> <ol style="list-style-type: none"> <li>1. The authors describe method with a seeds' placing into magnetic field. The duration of the magnetization is varied whereas the magnetic field strength is constant. An alternating magnetic field is also out of the consideration. This choice has possibly a justification. A description of some experiments or some references to other investigations should be given as an explanation.</li> <li>2. There is a mention of the "magnetically treated irrigation water" (p. 10). Does it mean an application of some complementary method? How does it influence on the results of the experiments? And does it alter the conclusions about the effectiveness of primary methods?</li> <li>3. One can't give a simple interpretation for a few parts of the results in magnetization experiments. For example, tables 4,8, figures 4,5 show some kind of non-linear or even recurring dependence between soil properties and magnetization continuance. An explanation of such kind of phenomena might be beyond the current research. One should nevertheless figure out this ambiguity and give more accurate conclusion about the results of magnetic field application.</li> <li>4. Figures 4,5 might have a misprint in their captions. Does the abscissa axis title mean "magnetic"?</li> </ol> <p>These remarks don't depreciate the value of the investigation. The article contains some results that can already be applied in agriculture. The manuscript needs a minor revision before it is accepted for publication.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>		
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

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