



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	2014_JAERI_15710
Title of the Manuscript:	Evaluations Pellets Bentonite Sulfur Application on Fe and Zn Bioavailability of Saline and Sodic Soil
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	Abstract: the text only present the experimental design and only a few results are presented without interpretation and summarization of the data Introduction: the whole text is confusing. The individual treatments are not systematically ordered. I recommend to mention first sulfur (plus bacteria), than organic matter and finally to highlight that the aim of your study was to test combined effect if both amendments Material and methods: the experimental design and analytical methods are too weakly described Figures are completely redundant because only double the data presented in the tables; in the opposite, correlation analysis will be suitable instead of Figures 3 and 4 Results and discussion: the results are in principle well described but of the results is almost missing. For example, the principles of beneficial effect of Thiobacillus should be explained. Conclusions: this section is unacceptable. The authors only repeated some sentences from the previous sections and did not give any real summarization and evaluation of the results. Potential recommendation for the further research should be also mentioned here.	- It was corrected as the same page . - Correceted regarding respected reviewer's comment - more explanation was added to the experimental design and analytical methods . - As figures 1 and 2 were deleted regarding respected reviewer's comment . but due to statistically design of the study , doing correlation analysis is impossible. - It was corrected base on reviewer's comment. - It was corrected base on reviewer's comment
Minor REVISION comments	Title: change the text as follows: Evaluation of bentonite-plated sulfur pellet application..... Introduction: Page 1, line 1: ...stress around the world including Iran.... - Page 1, lines 13-14: explain the effect of the oxidizing	- It was corrected - It was corrected - It was corrected



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	bacteria, especially Thiobacillus 4. Material and methods: explain MSTAT-C 5. Table 1: explain <u>all</u> the abbreviations used in the headings; in the text you mentioned that the soil properties were determined in the samples 0-30 and 30-60 cm, but in the table 1 are presented results only for 0-30 cm, why? 6. Results and discussion: the sentence below the Table 1: explain which standard limits were applied 7. Page 3, line 1: explain C3S1 8. Page 3: you mentioned that all the properties showed significant differences, but what about Fe? 9. Page 3: In the last paragraph you mentioned increasing Cl- and Na+ concentrations but where are the results	4. It was corrected 5. depth 30-60 cm was deleted. Also all the mentioned abbreviations were explained . It was corrected It was corrected It was corrected It was corrected
<u>Optional/General</u> comments	The investigation of adequate treatments leading to the improvement of the properties of saline soils can result in reasonable measures it suppress the saline stress. However, the text contains a lot of typing errors, please, correct them; the quality of English should be checked by a native speaker; please, correct	It was rechecked