



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_6706
Title of the Manuscript:	Influence of Tillage Systems on Soil Physical Properties
Type of the Article	Regular 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>)



SDI Review Form 1.6

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)
<u>Compulsory</u> REVISION comments	The point of greatest deficiency of the manuscript is the fact that the authors have conducted the experiment in randomized split-split plot with treatments of three amounts of water (100%, 75% and 50% of crop evapotranspiration), three intervals of applying (10, 15 and 20 days) and three soil tillage. However, the results show only the data for the three types of tillage. Also lacked information on the number of repetitions of the treatments.	*The results for others treatments and interactions were already published in other journals (four papers- 3 in ABJNA, and 1 in JJAS); according to copyrights I cannot mentioned them again. *The number of repetitions of the treatments was added.
<u>Minor</u> REVISION comments	The manuscript is well written, but with the deficiency of statistical analysis as mentioned above.	As mentioned above.
<u>Optional/General</u> comments	The study reports important results on soil management. The methods used in the experiment are adequate and clearly to be replicated. The results are well controlled and reliable with the discussion and conclusion grounded in the results. The statistical analysis of the manuscript is flawed because it is not consistent with the proposed of the experimental design. The references cited are adequate, but could be improved with discussion and citations of the articles from the periodic with better impact at the area, how Soil and Tillage Research and Agronomy Journal.	* The results for the experiment were means of treatments for each individual season. Analysis of variance appropriate for the split-split plot design was applied (Gomez and Gomez, 1984). Mean separation was done using Duncan's Multiple Range Test (DMRT) for different treatments. (Gomez. K.A.; Gomez, A.A., 1984, Statistical procedures for agricultural research, 2nd edition, John Wiley and Sons Inc., New York, USA.) *Many international journals are not available in my country.



SDI Review Form 1.6

--	--	--