

Interactive comment on “Comparison of wheat and safflower cultivation areas in terms of total carbon and some soil properties under semi-arid climate conditions” by B. Turgut

Anonymous Referee #1

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This manuscript gives some information about the difference in soil properties in an area with different crop. However, i think that some considerations need to be taken in consider by the author.

- 1) The aim of the manuscript is to compare the soils devoted to wheat and safflower cultivation in the semiarid climate zones in respect to some of their physical and chemical properties, with particular attention given to their TC content. However, TC was analyzed as the other properties and the effect of each treatment to store carbon is not clear in this manuscript.
- 2) In the study area, some extra information related land management in the area need

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to be included to understand the result and discussion.

- 3) Figures and tables need to be improved in order to better understand the information contained.
- 4) Some real photos of the study area could help to build a better mental image.
- 5) Many properties are included in this manuscript. This could be the cause that some topics in the discussion have been treated in a superficially way and the information provided is the same as other authors have found before. I recommend to the author focalize the data in the relationship organic mater, total nitrogen and aggregate stability and analize in depth the decomposition rate and absence of differences with soil profile.

In the document attached the author has all my considerations

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/7/C358/2015/sed-7-C358-2015-supplement.pdf>

Interactive comment on Solid Earth Discuss., 7, 1007, 2015.