

***Interactive comment on “Biochar can be used to recapture essential nutrients from dairy wastewater and improve soil quality” by T. A. Ghezzehei et al.***

**Anonymous Referee #2**

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Paper try to be a review about the idea of capture essential nutrients from dairy wastewater by biochar describing the environmental and agricultural benefits of this practice. The idea is innovative but the paper has a some gaps that must be solved.

First, a review paper must be included papers and data of different parts of the world and authors. i am agree that you can focus on an specific case (California) to calculate the data

For this reason, it will be interesting that:

1. You must include references about the use of dairy wastewater in other parts of the world

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2. Also, you propose the use of biochar to retain nutrient of the dairy wastewater. For this reason, it would be positive to include a review about the use of biochar to remove this nutrients for water. You can put in a table and discuss them.

3. Other gap is that you are speaking about dairy wastewater, you should put a table with the main properties of it.

4. I do not see why you include the point 4.3. Value-added benefits of biochar as soil conditioner. can you explain it?

5. It would be very interesting that you make a economical study of the California case. You should put the data on a table.

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Interactive comment on Solid Earth Discuss., 6, 1101, 2014.