

This paper explores the impact of regenerative management on soil aggregates and carbon pools in blackcurrant fields with different durations ranging from 1 to 7 years. The control is a nearby plot under conventional management. The main observation is an increase of the water stable aggregates and the labile carbon pool under regenerative management. Little effect is observed on the recalcitrant pool, although this may be a result of the 'short' duration of the experiment.

The subject and its implications are important and well detailed. The study site and the methods are described. Results and Discussion are presented together. A lot of work has been conducted here, thus many results are presented, which may be detrimental to the clarity of the paper: while explained, the numerous notions (WSA/NWSA, labile/recalcitrant, aggregates, thermal stability in aggregates, bush/alley soils, several years...), make the article uneasy to read.

I suggest some data appear only in Supplementary Information (e.g. bush soils detailed in the paper and alley soils only in SI). You could also consider making a shorter article, focusing more on certain results, and backing it up by a data paper for the rest of the results.

Here are a few specific remarks:

L24: it would be good to reformulate this sentence, as the 'proportion of NWSA : WSA' is not really 'increasing' (only the % of WSA is indeed increasing).

L71: non verbal sentence, I guess it is rather the end of the previous sentence. Same for L81.

L88: soil properties regulation

L198: 'that which passed through the 63 µm sieve after the HMP treatment'

L222: what is expected between 700 and 1.000°C? (Or – why not stop heating before 1.000°C?)

L252: any idea why the lowest global SBD is in year 3 treatment and not year 7?

L262: while it does not fully change the overall observation, I would not say 'generally decrease with time'

L318: there is no year 2 soil, I guess it is 3.

L342-347: So, recalcitrant carbon content increases with time, but not significantly? This paragraph is not totally clear.

L352: if you mention the increase for year 7, you should also mention the one for year 5 as you talk about both years. Same for L359.

General: check for punctuation, spelling and grammar. Several non-verbal sentences are still found along the text.