Review of: "Analyzing the Effects of Organic Amendments on Soil Erosion Dynamics: A Comprehensive Study on Application Methods and Timing"

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Potential competing interests: No potential competing interests to declare.

The publication concerning "Analyzing the Effects of Organic Amendments on Soil
Erosion Dynamics" is very interesting as soil erosion is a crucial problem for farmers as the climate change increases the phenomenon.

The authors compared various interesting organic matters for circular economy (barberry biochar,vermicompost, poultry manure, and wheat straw residues), applied in two forms (incorporating and surface spreading) at 60-day intervals over 180 days. Moreover, the influence of type and duration of soil amendment, interaction and application method, was observed on soil properties and loss: soil texture changes, runoff volume, and sediment rate.

The experimentation was seriously performed and well described, it was concluded that barberry biochar, especially when applied on the surface, consistently demonstrated
superior effectiveness in reducing these issues compared to other methods. The 180-day duration proved most effective in mitigating erosion.
These resultss carry practical implications for sustainable soil management, particularly in regions cultivating barberry.

To conclude the manuscript could be published