

SOIL Discuss., referee comment RC1
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Comment on soil-2021-129

Anonymous Referee #1

Referee comment on "The effect of tillage depth and traffic management on soil properties and root development during two growth stages of winter wheat (*Triticum aestivum* L.)" by David Hobson et al., SOIL Discuss., <https://doi.org/10.5194/soil-2021-129-RC1>, 2021

Dear Editor and authors.

I found the study quite interesting and well-worth to be published. It has been used a proper and very interesting methodology for the roots system analysis.

I had some problems to understand several results in the figures. Mainly.. In the X-axis it is difficult to see well the combination of the treatments because it is like a continuous line.

Secondly and due to the 9 combinations would be more appropriate to use the same sequence of those combinations in all the figures.

I suggest a better way to present those figures.

Also it is important to indicate the meaning of the bars in the legend of the figure.

It is difficult to see in the figures the effect of the tillage and the effect of the trafficking individually.

Regarding the abstract I would suggest to give some numbers more than qualify sentences.

The introduction and the methodology are quite OK.

The results need better way to understand figures and the effect of the factors.

The discussion is quite long and also includes some data that could go to results.

Finally the discussion should give a clear picture of the two factors. Tillage and trafficking.
Two sections .

IN the way is written it looks again a show of results with some discussion. NO clearer picture of the Tillage and trafficking.

Best regards.