

***Interactive comment on “Assessing the cover  
crop effect on soil hydraulic properties by inverse  
modelling in a 10-year field trial” by  
Jose Luis Gabriel et al.***

**Anonymous Referee #2**

Received and published: 12 March 2018

- 1) “Inverse modeling allows the identification of parameters of the soil-crop system that are consistent with monitored soil water and crop parameters in the field and will ultimately result in lower model prediction uncertainties. “ The authors have certainly considered lower model prediction uncertainties.
- 2) I suggest explicitly state the input and output variables in the Water and Agrochemicals in soil, crop and Vadose Environment (WAVE\_ model (Vanclooster et al., 1996). A table of all variables is highly recommended to let readers who are not experts of WAVE model to understand the model.
- 3) The last conclusion does not present scientific findings.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2017-643>, 2017.

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