

Editor's Comment:

Decision for manuscript number Ms IJPSS 24304 entitled 'The water infiltration, hydraulic conductivity and water retention effects of ground *Saponaria officinalis* (L.) root as a soil surfactant' written by Ken Mix

Following evaluation of all documents related to the manuscript I agree with the Reviewers that the text is acceptable for publishing in the International Journal of Plant and Soil Science. However, the manuscript must be significantly improved first.

1. Unfortunately, the manuscript is not amended in accordance with all reviewer's suggestions and requirements. The Author also does not explain why these corrections are not introduced.
 - Key words are not updated
 - List of abbreviations is not added
 - Phrase 'to determine significant differences ($P < 0.05$)' is not corrected
 - Tables should be changed into figures
 - A scheme describing how the structure of saponins interacts with particles and aggregates to soil is included to the manuscript
 - And some other details mentioned in the reviews
2. English name of *Saponaria officinalis* must be introduced to the title. Alternatively, English and Latin name must be provided together in Abstract.
3. Generally, tables and figures in scientific papers must be self-explanatory, so all abbreviations must be explained below tables or in figures caption. It must be explained what SW, StdDev, GLM and K mean in Tables.
4. The titles of all Tables are misleading. The Tables present results which were measured (drainage rate, infiltration rate, H₂O retention) and statistical analysis. But in the titles of Tables only statistical analysis is mentioned.
5. Presentation of results in Tables is extremely unfriendly. All measurable data should be provided in Figures, and statistical analysis should be presented separately. Statistical data may be presented in tables.
6. Section COMPETING INTERESTS should be corrected because only one author is.
7. Section AUTHORS' CONTRIBUTIONS is not necessary because only one author is.

My decision is: Reconsider after drastic revision, and after amendment of the manuscript in accordance with all reviewers' requirements and suggestions.

Editor's Details:

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