

Review of: "Determination of Evapotranspiration and Crop Coefficients of Irrigated Legumes on Different Soil Types Using the FAO56 Approach"

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Potential competing interests: No potential competing interests to declare.

To Peer Review Team,

In order to improve the quality of paper, some personal suggestions are provided as followed:

1. In abstract section, the term crop coefficeints refers to the abbreviation, CC. However, in introduction section, the term crop coefficeints refers to the abbreviation, Kc. The author should carefully check the consistency of abbreviation in this article.
2. The author may add some description of the importance of legumes in the introduction section. For example, the yield per year or the total consumption for each year in Nigeria. The information is able to make readers understand more about how important of the legumes crop in Nigeria.
3. As the FAO56 approach is the main methodology, I suggest the author provide some advantage of the FAO56 approach compared to other methods to measure the crop coefficeints.
4. It's good to see the author conducted well experimental desing. However, if you want to prove the hypothesis or to conclude the decisive results based on field trial. At least two repeat of full experiment should be done, and the results will be much more persuasive. I suggest the author could state that even though you conducted only one time of experiment, but so far the results give the reader some clues (your findings) in the conclusion section.
5. In the material and method section, the author should describe more clear of how you conducted the methods. It would be better if the author explain how you collected the physicochemical properties of samples step by step.
6. R Stutio is the GUI for R software, the author should metion which version of R you used in this study.
7. Regarding the tables in this study, I suggest some result of tables can be truned and visualized as figures.
8. It will more informative if the author can provide the basic morphological and genetic differences of the V1, V2 and V3. Hence the prior information could help readers understand why they revealed different physiological responses while planting in sandy, sandy clay loam and sandy loam soil.

Good luck and hope above suggestions provide some help.

Sincerely,

Kai

