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.

The article with the title '**Determination of Evapotranspiration and Crop Coefficientsof Irrigated Legumes on Different Soil Types Using the FAO56 Approach**" is interesting and within the scope of the journal. The authors used the standard method to determine the Kc of legume plants. However, there are general issues that should be addressed:

- The authors focused on soil type, but in the abstract, they did not focus on this matter; rather, they focused on the varieties.
- The Kc value is mainly affected by water management; however, there is no detailed explanation about the water irrigation system during the planting period.
- Planting growth, according to Allen et al. (1998), as cited also by the authors, is divided into four growth stages, but the authors only used three growth stages. It should be explained why only 3 growth stages were used.
- I didn't find how to measure or determine the ETa (Actual Evapotranspiration). Only ETc was explained in the methodology. Is it the same between ETa and ETc?
- Also, the definition of ETp and ETo, is it also the same? The authors should explain the definition of those terms.
- In the Results and Discussion, the results of Kc should be tabulated.
- The authors focused on soil type, but the comparison of Kc values among the soils received limited discussion.
- The consistency in the use of symbols is important. Crop coefficient should be Kc, not CC; Reference Evapotranspiration should be ETo, not PET; Potential Evapotranspiration should be ETp, not PET.