

The authors have made a good effort to revise the manuscript, which has improved the overall quality. Their responses to the previous comments clarified the earlier confusion and uncertainties. Therefore, I do not have further concerns regarding the structure of the study. I only suggest a few additional references that are similar to the current work and could help support the Introduction and Discussion sections. Please see the following:

<https://doi.org/10.1016/j.still.2026.107161>

<https://doi.org/10.3389/fpls.2025.1703663>

<https://doi.org/10.1016/j.soilbio.2025.109835>

<https://doi.org/10.1016/j.jia.2023.02.025>

<https://doi.org/10.1016/j.apsoil.2023.104814>