

# Review of: "Integration and Implementation of Multiple Soil Sensors for Automated and Regulated Irrigation"

Bernardo Gozzini

Potential competing interests: No potential competing interests to declare.

The paper is very technical, using many pages to describe the technical characteristics of the sensors with many images, while the results are described on a page with many tables and very little commentary.

The tables themselves are not very comprehensible; there is little description, while in the discussion chapter, it shows graphs that refer to the tables, so it is not clear why this part is divided into results and discussion.

In this case, an integration between the two chapters should be made in order to facilitate comprehension between the table and the graph.

The figure legend is also very poor and does not explain what is shown in the figures. An explanation is present in the text but would also be useful in the figures.

The conclusions are also very brief.

The bibliography also presents some problems; in the references, there are two articles (Miliovsky et al. 2013 and Xu et al., 2022) which are not present in the text, so it is not clear when and why they are cited.

Also within the text, there are citations that are not included in the list of references; for example, on page 2, these citations (Aziz et al., 2009; Dursun et al., 2011; Kumbhar & Ghatule, 2013; Shabadi & Patil, 2014; Payero et al., 2017; Krishnan et al., 2020; Naeem et al., 2021) do not exist in the references. So you need to check the entire bibliography of the paper.

The article therefore needs a major revision before publication.