

Review of: "Synthesis, Characterization and Ameliorative Effect of Iron Oxide Nanoparticles on Saline-Stressed Zea Mays"

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Potential competing interests: No potential competing interests to declare.

In the manuscript entitled "Synthesis, Characterization and Ameliorative Effect of Iron Oxide Nanoparticles on Saline-Stressed Zea Mays", the authors present the synthesis, characterization, and use of iron oxide nanoparticles for saline-stressed Zea Mays. The manuscript is well-written, and the number of references is adequate. Therefore, the manuscript is recommended for publication in the "Qeios" journal after minor corrections.

Abstract needs to be more elaborate.

Some editing (polishing) for the English language is required. A few typographical errors are present in the manuscript; please correct them in the revised manuscript.

In the IR, it should be CO, not C0.

Conclusion. Line 2: It is 80 °C, not 80 0C.

No need to keep more decimals in the values (IR), check it.

Rewrite the Fig.2 caption.

Care should be taken in assigning IR peaks.

Novelty of work should be added (in the introduction part).

Conclusion part should be improved.