

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.

The figures should be well described in the figure captions. For example, the A, B, C, D symbols in the figures should be explained.

Table 1 should be supplementary.

Figure 1 does not reflect the experimental set-up; it looks like a graphical abstract.

The sections 3.1, 3.2, 3.3, 3.4, and 3.5 should be combined under a single title such as **Characterization of nanoparticles**.

The literature and the discussion should be expanded by using recent studies on iron oxide NPs and plant interactions.

The mechanism by which the NPs improved plant growth indices should be discussed. Some recommended studies are as follows:

<https://link.springer.com/article/10.1007/s11356-020-09693-1>

<https://www.sciencedirect.com/science/article/abs/pii/S0304423820300510>

<https://link.springer.com/article/10.1007/s42729-019-00115-x>

<https://doi.org/10.1016/j.plaphy.2019.03.011>

<https://doi.org/10.1016/j.jmmm.2022.170058>

<https://doi.org/10.1007/s13205-023-03727-4>

<https://doi.org/10.1016/j.chemosphere.2019.03.075>

<https://doi.org/10.1007/s11356-021-15965-1>