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 my opinion, the article titled **"Synthesis, Characterization and Ameliorative Effect of Iron Oxide Nanoparticles on Saline-Stressed Zea Mays"** can be published by solving the issues raised in the comments for the authors.

1. It is suggested to put the comparative spectra of UV-Vis, XRD, SEM, EDX, and TEM between iron nanoparticles and plants in treatment pots.

2. Figure 3 (b): It is not clear from the SEM image.

3. With what software did you get the average diameter of nanoparticles between 2.22 and 27.83 nm? It is better to draw a diagram of the average diameter of nanoparticles.

4. The vertical axis of the EDX spectrum should be specified in Figure 4.

5. Table 1: What is the reason for the difference in the mean diameter of nanoparticles in the XRD and SEM techniques?

6. Supplementary attachment 2: The image quality of the FTIR spectrum is very low.

7. Use more up-to-date references.