

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.

1. Fe(II) in FeO is not soluble in water. Please clarify the line mentioning foliar application of FeONP solution on page 5.
2. Correct the subscripts of the chemical formulas (like H₂O₂). Check also all superscripts such as 80°C written in the conclusion part.
3. All figures are not clear. Need high-resolution images.
4. Fractional parts of the wavenumber in FTIR spectra can be reduced.
5. The UV-vis spectra in Figure 2 show a large shift for FeO NPs. What may be the exact cause, as it lies between 270 to 300 nm.
6. The scale in Figure 3(b) is not clear. How sizes for the TEM images are found out.
7. The average particle size from XRD differs from the highest particle size obtained from TEM. Clarify.