

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

Arezoo Fereidonian Dashti

Potential competing interests: No potential competing interests to declare.

1. Page 2, lines 2: (. According to estimates from the Food and Agriculture Organization (FAO), which year?
2. Page 4, FeONPs Synthesis: please add a reference for the synthesis method.
3. Page 5, line 16, (The sodium hypochlorite acted as a disinfectant to ensure healthy seeds). Please add a reference.
4. Page 5, part 2.5: Please explain why each pot was irrigated with potable water for the first fifteen (15) days, and why 200 ml of a 300 mM sodium chloride (NaCl) solution for the next ten (10) days. Each seedling in pot E also received a 5 ml foliar application of a bulk solution of $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ (1:10 (g/ml) bulk $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ solution to distilled water) for 10 days. Did you use any method?
5. Page 7, section 2.9: please add a reference for the formula.
6. Page 7, section 3.1. FTIR spectroscopic analysis: compare your results with previous works.
7. Page 9, sections 3.3 and 3.4: compare your results with previous works.