

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.

Recommendation: Major Revision

Comment to the author

Comment 1: The author mentions the drawbacks of high salinity and its impact on osmotic and ionic stresses, but in the introduction part, it is not clearly justified. How high salinity affects crop production, please explain in detail in the introduction section.

Comment 2: In the FT-IR spectra, please check again the C-H anti-symmetric bands' positions.

Comment 3: Please provide a clear spectra of the FT-IR image. The image is not clear; you can use the original file instead of an image of the instrument display.

Comment 4: There are various grammatical mistakes in the explanation where the degree value and C=O are not written properly. Check the fonts and words carefully.

Comment 5: In section 2.7, it is written Mukherjee (Mukherjee, 1983), which is wrong because this is the name of the author, not the method; mention it correctly or check again.

Comment 6: In section 2.9, write the formula correctly and put the sign at appropriate places. Please check carefully.

Comment 7: The author is requested to check for grammatical/typo errors in the manuscript. Also, check subscripts and superscripts carefully.

Comments 8: Please expand the conclusion section.

Comment 9: Please follow the uniform reference format in the entire manuscript as per the journal's style.