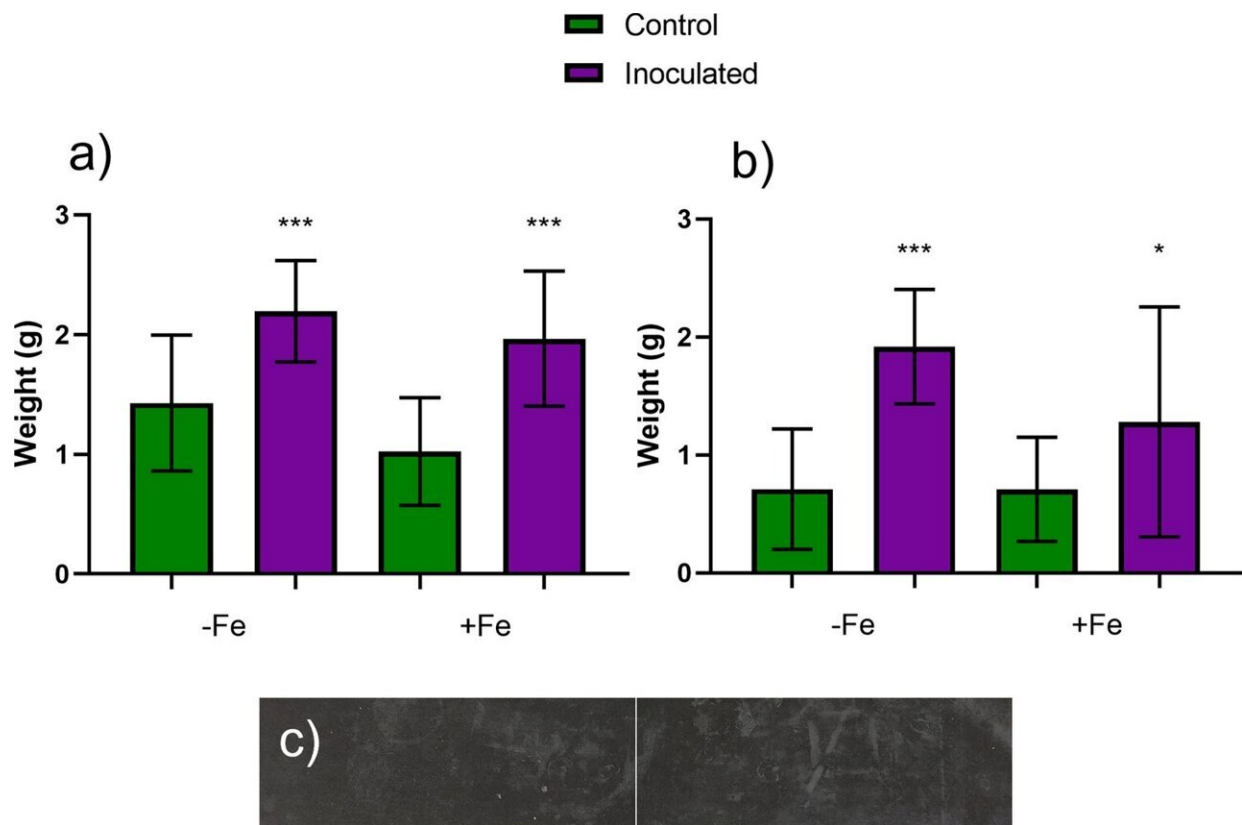


Microorganism shows potential as an iron biofertilizer for cucumber plants

April 12 2023



Growth promotion of cucumber plants inoculated with the FO12 strain. To determine growth promotion, half of the 10-day-old plants were inoculated, and then Inoculated and Control plants cultivated for 7 additional days either under Fe deficiency (- Fe) or Fe 40 μ M (+ Fe). After that time, roots and shoots were excised and weighed separately. a Shoot fresh weight. b Root fresh weight. c Comparison between Control and Inoculated plants of the -Fe treatment. C, Control (green); I, Inoculated (violet). Within each Fe treatment, *P

Citation: Microorganism shows potential as an iron biofertilizer for cucumber plants (2023, April 12) retrieved 23 April 2024 from <https://phys.org/news/2023-04-microorganism-potential-iron-biofertilizer-cucumber.html>

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