

عنوان مقاله:

Effect of magnetic fields on the plants growth: Advantages and Disadvantages

محل انتشار:

اولین همایش بین المللی و چهارمین همایش ملی گیاهان داوربی و کشاورزی پایدار (سال: 1394)

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خلاصه مقاله:

Magnetic fields are considered abiotic stress which are results of the age of technology and paying attention of many researchers today. The first indication of direct responses of magnetic fields and the living world in 1980 was obtained with the identification of magnetotactic bacteria. numerous studies on plants under magnetic fields were conducted which are including, effects of magnetic fields on root, shoot, aerial part, crop, Photosynthetic pigment and Cell division. Magnetic fields also had side effects of plants growth and mentioned parameters. In this review article, we highlighted the influence of a magnetic field, and why it can be one of the best methods to enhance a plant's growth and productivity

کلمات کلیدی:

ferritin, free radical ions , magnetic field, magnetized water, plant pest

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