

عنوان مقاله:

Evaluation of Fe/ salep hydrogel nanocomposite influence on morpho-physiological trait in plant

محل انتشار:

همایش ملی نانو فناوری و شیمی سبز (سال: 1391)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

The objective of this study was to determine the effect of Fe/ salep hydrogel nanocomposite on yield and some morph-physiological traits in tomato plant. Factors were considered as four levels of irrigation (6 to 8) and three levels of Fe/ salep hydrogel nanocomposite (75 to 225 mg). Before planting, Fe/ salep hydrogel nanocomposite was added to the soil of pots in deepness of root development. Investigations showed that the effects of treatments were significant on all of the studied traits. These mentioned rates of Fe/ salep hydrogel nanocomposite had the best effect to all of the studied traits. These findings strongly suggested that the irrigation intervals of tomato could be increased .by application of Fe/ salep hydrogel nanocomposite

کلمات کلیدی:

Hydrogel; Morpho-physiological; Plant

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