

عنوان مقاله:

Effects of different concentrations of light crude oil on physiological, morphological and anatomical characteristics of *Trigonella foenum*

محل انتشار:

کنفرانس بین المللی علوم، مهندسی و فناوری های محیط زیست (سال: 1394)

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خلاصه مقاله:

Oil pollution stress affects many functions of plants; in generally to say that plants in order in increase to their resistance against oil pollution stress have under age functional changes, morphological changes and anatomical changes, these changes vary depending on the species. The purpose of this research is to examine the resistance of *Trigonella foenum* species and to show the vegetative to this plants root during its exposure to oil pollution. In this survey, the effect of the light crude oil indifferent concentration (1.2.3.4) on the growth of this species at 2 months in Completely Randomized Design (CRD) was investigated. After that, the morphological and anatomical studies and researches on species been fulfilled. Result showed that increasing oil pollution due to decreasing growth parameter was significantly ($p \leq 0.05$). Also in this survey we observed leaves, stem and root appearance changes and some changes epidermis, parenchyma and in vessels

کلمات کلیدی:

Anatomical, Fabaceae, Morphological, Oil pollution, hysiological

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