

عنوان مقاله:

The survey of female gametophyte development and effect of Sodium Chloride stress on ontogeny of flower s components in pistacia vera L

محل انتشار:

بیستمین کنگره ملی و هشتمین کنگره بین المللی زیست شناسی ایران (سال: 1397)

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خلاصه مقاله:

One of the most important environmental stresses is salinity, which can affect plant growth. The pistachio is a scientific pistacia vera of the Anacardiaceae family and the spindales order. the first non-oil product of Iran is pistachio. In this research, the effects of NaCl stress on the characteristics, anatomy, morphology and development of pistachio cultivars Akbari and Kalho Guchchi, flowers were collected from two Golshan farms, a village belonging to the central part of Anar city in Kerman province. These two gardens are side by side. The two gardens have the same climatic conditions, but an orchard with anchor (14.7°C) and the other with relatively sweet water ($5.5\text{ EC} =$) are irrigated. Sampling of flowers was performed in different stages of development from small and medium sized young buds. Micrtom slice were used to study the anatomical and developmental characteristics. The results showed that organelles. The results showed that femal gametophyte in both Pistachio cultivars Kalho-Quchi and akbari under salt stress compared to control and compared with each other have the same development

کلمات کلیدی:

NaCl, stress, pistacia, development of flower

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