The study-results of the present study showed-indicated that Echinacea purpurea hasd a relativeresistance to drought although, however, under stress conditions, there is no balance between the production and inhibition of the active oxygen species under stress conditions, where the and its amount is increases d. Further, and the salinity of sensitive lipoxygenase activity under salinity stress in different cultivars and wild tomato species salinity sensitive lipoxygenase activity under salinity stress-was higher than that of resistant cultivars (Ali et al., 2005; Juan et al., 2005; Tian and Lei, 2006) .-. Plants have different types of antioxidants with different structures and actions sSince plants they are always exposed to environmental oxidative conditions, they have different different actions. Regarding the amount of antioxidants with structures and phytochemical compounds and antioxidant activity of different organs of Echinacea, The studysignificant difference was observed in the antioxidant properties in different organsof the am phytochemical compounds and antioxidant activity of different organs of Echinacea show significant difference in the antioxid ans (Table 2).-.

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