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Fruit characteristics of fig cultivars and genotypes grown in TurkeyOguzhan Çalıřkan^a and A. Aytekin Polat  ^aMustafa Kemal University, Faculty of Agriculture, Department of Horticulture, Antakya, Hatay 31034, Turkey

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Abstract

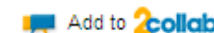
In this study, fruit quality characteristics of some cultivars and types of fig (*Ficus carica* L.) were determined in Dortyol, Hatay, Turkey, which has a Mediterranean climate. The main fig cultivars grown in Turkey ('Sarılop', 'Bursa Siyahi', 'Goklop', 'Yediveren', 'Yesilguz', 'Morguz', 'Sari Zeybek', and 'Ufak Yesil') were evaluated along with 24 selections from a larger collection from the Mediterranean Region of Turkey. Several pomological characteristics of the genotypes were determined on 5-year-old trees during the 2001 and 2002 growing season. Averaged over the 2 years, fruit weight ranged between 22 and 52 g, total soluble solids content (TSS) ranged between 20.1 and 27.4%, and acidity ranged between 0.09 and 0.26%. 'Bursa Siyahi', 'Goklop', 31-IN-17, 31-IN-11 and 31-IN-09 produced the largest fruits in terms of fruit weight and dimensions. 31-IN-01, 31-IN-02, 'Yesilguz', 'Morguz' and 'Ufak Yesil' had the highest TSS. 'Yediveren', 'Goklop', 'Bursa Siyahi' and 31-IN-16 scored the highest in overall quality according to the weighted ranked method. Based on the results obtained 'Yediveren', 'Goklop' and 31-IN-16 could be alternatives to 'Bursa Siyahi', currently the most favored fresh table fig cultivar. These alternatives appear to have potential for both local consumption and export markets. Our results also indicate extensive diversity among Turkish figs permitting marketing of a broad range of fresh fig traits.

Keywords: *Ficus carica* L.; Mediterranean climate; Table fig; Fruit quality; Cluster; Selection**Article Toolbox**

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