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YIELD AND SUCROSE CONTENT OF SUGAR BEETS UNDER DRY CONDITIONS

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ABSTRACT

This research was conducted with the objective of determining root yield and sucrose content of sugar beet genotypes. Ten sugar beet genotypes were planted in plots arranged in a Randomized Complete Block Design with three replications at the Experimental Field of Agricultural Faculty, Dicle University, Diyarbakır, during 1998 and 1999. The significant variation for sugar yield observed among the genotypes examined, while variation in other characters among sugarbeet genotypes were not significant. Sugar yield varied between 12.77 and 10.43 t ha^{-1}, and the sugar yield of Tiara genotype was higher than the other genotypes.

Key words: *sugar beet, yield, yield components, sucrose content*