

Dogan R (2009) The correlation and path coefficient analysis for yield and some yield components of durum wheat (*triticum turgidum* var. durum L.) in west Anatolia conditions. *Pakistan Journal of Botany* 41(3):1081-1089.

Abstract

A study was carried out in 1998-1999 and 1999-2000 growing seasons with 7 different "durum wheat" genotypes under West Anatolia conditions. The correlations among plant height, grain number per spike, grain weight per spike, 1000 grain weight, test weight and grain yield as well as direct and indirect effects of those traits on the grain yield were investigated using Path analysis. Grain number per spike, 1000-grain weight, plant height and test weight had significant direct effect on grain yield. It was concluded that these characteristics could be important selection criteria in durum wheat breeding studies.