

عنوان مقاله:

Stability Performance of Bread Wheat (*Triticum aestivum* L.) Lines

محل انتشار:

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خلاصه مقاله:

The primary aim of plant breeding is to improve stability in yield and to obtain varieties with good quality. For this reason, a study of wheat varieties was conducted in 2010, 2011, and 2012 at the Agricultural Application and Research Center fields of the Uludag University, Agricultural Faculty, in Bursa/Turkey. In the study, 22 advanced lines of bread wheat and Gonen, Pehlivan, and Flamura cultivars as controls were examined in a 3-year experiment. In each year, the experiment was conducted in randomized block design with three replications. The effects of cultivars, environment, and genotype×environment interactions were evaluated. Results of the study permitted us to distinguish three lines, namely, (Gx22-1)-F, (Gx22-1)-E, and (GxK) which were characterized by higher adaptation capabilities and stability than those of the other genotypes.

کلمات کلیدی:

adaptation, Breeding lines, Genotype×environment interactions

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