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
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Genetic Relationships of Turkish Bread Wheat Cultivars

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Abstract: Forty-two bread wheat cultivars released up to 1990 in Turkey have been investigated in order to understand their genetic relationships. Correlation, regression and principal component analyses have been applied to cultivar-to-cultivar parentage coefficients and similarity indices based on pedigree data. Correlation and regression analyses between cultivar-to-cultivar parentage coefficients and similarity indices have shown higher relationships implying that both estimates could be used interchangeably to predict genetic relationships in cultivars. Principal component analyses failed to group cultivars clearly, but some subgrouping were obtained.

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