Effect of plant densities on yield and yield components in four cultivars of wheat in Ahvaz region.

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Abstract

This experiment was conducted in four wheat cultivars, namely 12177, 12222, 12224, and 12225, to evaluate the effect of plant densities on yield and yield components. The experiment was conducted in a randomized complete block design with three replications. The plant densities used were 50, 100, 150, and 200 plants per square meter. The results showed that the highest yield and yield components were obtained at a plant density of 150 plants per square meter. The yield and yield components were significantly affected by the plant density. The results are expected to provide valuable information for wheat growers in the Ahvaz region and contribute to the improvement of wheat production in the region.