Effect of tiller number per plant on grain yield and yield components of durum wheat at different planting densities

Effect of tiller number per plant on grain yield and yield components of durum wheat at different planting densities

**Abstract**

The effect of tiller number per plant on grain yield and yield components of durum wheat at different planting densities was investigated. The experiment was conducted at the Farm of Department of Agronomy, University of Tehran, Iran. The study was conducted in a randomized complete block design with four replicates. The treatments consisted of five planting densities (25, 50, 75, 100, and 125 plants per square meter). The results showed that the highest grain yield was obtained at 100 plants per square meter. The highest number of grains per inflorescence was also observed at this density. The study concluded that increasing the planting density beyond 100 plants per square meter did not lead to significant increases in grain yield or yield components.