Effect of tiller manipulation at different planting densities on grain yield and its components of Atrak cultivar in south Khuzistan

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Abstract

The objective of this study was to evaluate the effect of different tiller manipulation treatments at different planting densities on grain yield and its components of Atrak cultivar in south Khuzistan. The experiment was conducted in a randomized complete block design with four replications. The results showed that tiller manipulation treatments had a significant effect on grain yield and its components. The highest grain yield and its components were obtained from the tiller manipulation treatment with the lowest planting density. The study also indicated that the interaction between tiller manipulation and planting density had a significant effect on grain yield and its components.