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EFFECT OF NITROGEN DIFFERENT LEVELS ON CANOLA (SOR19 VARIETY) YIELD AND YIELD COMPONENTS IN NORTH OF KHUZESTAN, IRAN

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Abstract
In order to study the effect of nitrogenous fertilizers on yields and yield components of Canola cultivar Sor19, an experiment was conducted on agricultural period at experimental farm of Dezful University in 2012. The experiment design was completely randomized and has been repeated for three times. The design included twelve experimental terraces, furrow irrigation method were applied and the water need in an I_{100} millimeter level and the experiment also had contained four fertilizer levels of N_0, N_{100}, N_{150} and N_{200} Kg per hectare. The SPSS were applied to analyze the data and in order to compare the means, Duncan test was applied. The achieved results showed that the different levels of Nitrogenous fertilizer had significant effect on yields and yield components of Canola.

Key words: Nitrogen, Canola grain yield, Nitrate, Dezful.