

**EFFECT OF IRRIGATION WATER AND GRAIN
MAGNETIZATION ON YIELD AND YIELD COMPONENTS
(*Triticumae stivum L.*)**

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ABSTRACT

This study was carried out during winter season 2011-2012 at the field of Al-khalis experiments station . A split – split plots Design was used with four replications , to evaluate the effect of water irrigation and grain magnetization on grain yield and yield Components of wheat (Var. IPA 95) The main plots were included two types of water (Fresh and Saline) , while the subplots were included two treatments of water irrigation (normal and magnetic) and the grain magnetization 0 , 500 , and 1000 GS were Put in Sub – Sub plots . The results showed that there is significant effect of irrigation water to reduce all studied characteristics , while the water and grain magnetization gave higher effect as compared with non magnetization treatments , and reduced the damage of water salinity .However treatment of magnetized grain with 500 GS and irrigation with magnetization fresh water gave the best grain yield 5.930 t.h⁻¹.

Key words : wheat , yield and yield components , Saline water , magnetized grain and water .