

**STUDY OF CORRELATION, VARIANCE AND DETERMINATION SOME GENETIC  
PARAMETERS FOR YIELD COMPONENTS IN WHEAT**

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**ABSTRACT**

Implemented this Experiment in Haweija, Government of kirkuk during the season 2007 using planted five varieties of wheat (Abo-gharib3, Maxibak, Ibaa99, hamm6, Iraq) in three replication using randomized completely block design for study the correlation, variance and some genetic parameters. The results showed significant different at 1% in mean of variety in all traits except length of spike and the spike number/plant showed significant different's at 5% the genetic variance was biter variances.

Heritability can between 0.11 for weight of 1000 grain in sprinkler irrigation and 0.99 for many characters in the irrigation methods the character of high heritability indicated to selection index. The correlation showed positive significant correlation in the number of day in surface irrigation at 1% and high plant correlated with spike length at 1% in surface irrigation. The number of grain in spike wasn't significant correlation with weight of 1000 grain in the three methods.