

**EFFICIENT USES OF RESOURCES OF PRODUCTION OF WHEAT CROP IN
THE DISTRICT OF MUQDADIYA**

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Abstract

Wheat crop in Iraq as important food and economic Strategy at the country level, wheat production is low economically efficient compared with the neighboring countries of Iraq which producer of crop, which refers to the current waste of exploitation of natural resources used in production of wheat and the possibility of increasing the productivity of materials used in the production of this crop.

The aims of this study assess the efficient use of resources, production of wheat crop for the agricultural season 2008 - 2009 in the district and for the Muqdadiya were estimated production function of wheat crop were represented in both the amount of seeds, fertilizers and irrigation, the number of working hoursm the number of automated and manual independent variables have been estimating function is the function of four linear and double logarithmic (Cobb - Douglas) and half of the logarithmic and a half of the inverse algorithm has been shown that the function of the moral terms of economic and statistical criteria were double logarithmic has been

proven at the level of 1% of its value during the 33 = F and coefficient of determination was 0.86 means that 86 % of changes in the production of wheat have been reflected in the function and the model showed there was no problem with self-link the value of 1.76 = DW addition to the model complies with the imposition of a linear relationship between independent variables and when an analysis of Park show that the model free from the problem of the instability and variability estimate the overall productivity, medium and marginal factors of production has been reached that stage of production was the second phase, a regionin economic production.