The Optimum Size Of Production Of Wheat Crop In The Gizera Project In Sudan

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# ABSTRACT

This study aims to study the estimation of production cost functions as it reflects the relationship between total costs and actual production. The main economic indicators that reflect the extent to which the agricultural production units achieved economic efficiency in their use of the productive resources involved in the production process as well as the extent to which they are achieved These units of maximizing the profits of the agricultural product, as well as the study of production costs and the associated indicators are important both on the productivity unit or at the national level, which can be used in the design and analysis of price policies and help the user Farmers in their productive decision-making, which would encourage producers to continue production or stop production. As well as to determine the volume of production that maximizes profits and thus achieve economic efficiency of the use of productive elements.

**Key words**: cost and production functions, economic efficiency, optimal size of production , Stepwise Regression