

ملفوظ راجع

باللغة الإبلانية

A MATHEMATICAL MODEL FOR STUDYING
THE RELATIONSHIP BETWEEN EDUCATION AND DEVELOPMENT
IN THE AGRICULTURAL SECTOR IN EGYPT

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SUMMARY

Agriculture Development depends on land, capital and labour . But due to the limited supply of land and capital, it depends mainly on labour,

Education is the most important factor in developing, preparing and planning manpower for different levels in agriculture.

The problem of the study is the scarcity of technicians and the availability of the non-skilled workers.

This problem has four sides. The first is the preparation of agricultural secondary schools graduates, the second is the context and syllabus, the third side is the problems facing the agricultural development. The last, is the problem confronting the transfer of information from research centers to farmers and fellahs through extension centers.

The study aims at suggesting solutions for all these problems and proposing a mathematical model for studying the relationship between education and development in the agricultural sector in Egypt.

To reach the above mentioned targets the study is divided into four chapters;

The first pages deals with introducing the problem and the aim of the study. Chapter (1) comprises a survey of literature. Chapter (2) tackles the seven economic and educational variables that affect the problem. Chapter (3) introduces the proposed mathematical model and its application using actual data concerning the agricultural income, expenditure on education, consumption and agricultural investment during the period (1960 - 1982 A.D.) Chapter (4) suggests some recommendations.

The study ends with some arabic and foreign references.