



VERTICAL DEVELOPMENT OF WHEAT CROP UNDER CURRENT CONSTRANTS OF AGRICULTURAL PRODUCTION

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ABSTRACT

The study aims at researching the possibility of vertical expansion of wheat crop by increasing the total production of the crop from the same cultivated area by re-distributing the area of crop in different zones of the Republic according to its productivity and show the importance of feddan productivity in increasing total production of this crop.

The study showed that the increase in feddan productivity has an effect in increasing the total production, but its impact in increasing feddan revenue and the value of crop production was weak. It has been shown there is a possibility to increase the total production of wheat crop

by maximizing the economic efficiency of productive resources used in cultivating the crop about 2.09 % of the increase in the total production. The increase in the production of the crop estimated by 1118 thousand ardabs that valued at 99 million LE and save about 53 million cubic meters of irrigation water despite the stability of the cultivated area of wheat crop all over the Republic.

The study recommends reconsideration of the current area of wheat crop by expanding the areas of wheat crop in the governorates or the regions characterized by high productivity to achieve the economic efficiency in the use of the production agricultural resources dedicated for wheat planting, so that they can provide areas for wheat in low productive regions to other crops of high productivity in these regions and then relatively reduce wheat gap in Egypt.