

Minia growers' adoption to method growing wheat on stone benches

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ABSTRACT

The research aimed at recognizing the level of growers adoption to using benches in growing wheat and the sources of information the growers depend on concerning this way, their cognition about its relative advantage, identifying the meaningful relation between the degree of adoption and other dependent studied changes and the difficulties that face the researched in addition to recognizing the production problems from the sample's point of view .

The research was performed in Minia governorate. The total number of the sample was 362 growers. The sample was taken randomly from the growers' records extensional fields in the area According to Krigsy and Morgan equivalent, the sample of the study numbered 186 of the extensional fields owners over all the administrative centers in the governorate. The survey form was done through interviews as a tool to collect data. The data was collected in July 2017. The recurrences ,percentage ,scale , deviation , simple correlation and Siperman's simple correlation to analyze the data by using the SPSS statistics program.

The most important results were as followed:

- 1-Four of five of the researched had medium and high recognition about the method.
- 2-- It showed a positive relation by 0,01 between the researched age , the total agricultural property, the total grown area of wheat , the educational level , the attitudes towards growing wheat on bench stones , the level of attitudes towards change , the sources of hearing about growing wheat on bench stones , the cognitive level of recommendations of growing wheat on bench stones and the growers' adoption level .
- 3- the family and the neighbours are one of the most important sources the researched depend on their information about growing wheat on stone benches universities .
- 4- the results showed that 85,5/ of the sample had low or average cognition about the relative advantage of using benches in growing wheat.
- 5 -The high cost of preparing the land for growing was the highest ratio of difficulty.
- 6-The most important problems from the growers' point of view were Providing the supplies /inputs of production only for landowners,The

high cost of harvesting and collecting the crop, The amount of fertilizer provided for a feddan is not enough .The high cost of chemical fertilizers . Relating supplying the crop to the granary to agricultural property .