

Growers Implementaion Of New Practices Recommended FOR Wheat Crop Production In Sharkia Governorate

Dr. ShaimaaElsied Alsebayee

Agricultural Extension &Rural Development Research Institute-A.R.c

Abstract

sThis research aimed to identify the implementation level of the wheat growers towardsthe new practices recommended for thewheat crop production, and to determine the coefficient correlation and regression relationship between it and the studied independent variables, in addition to identify the major extension services introduced to the growers related to the new practices recommended forthe crop production. Plus to determine the constraints which face the growers in the crop production. The research was conducted in a major three districts of wheat crop cultivation with one village in each. Arandom sample was selected amounted to 177 respondents of the crop growers with %10 from the total number of them. Data werocollected by a pretested questionnaire through personal interview in May 2018.

Percentages and frequencies, main, coefficient correlation and step_wize were used for data analysis.

The research results were as follows:-

- 1- The implementation percent of the crop recommendations was law by about%37,29 of the respondents while it was moderate and high by about %34,46, %28,25 of them respectively.
- 2- There was a significant correlation degree of the respondent's implementation of the crop new praction recommended and the studied independent variables.
- 3- The step- wize result revealed that two independentvariablesare responsible for the total variance of the growers implementation for the new practices of the crop.
- 4- The major important agricultural services introduced to the growers were respectively as follows: the availability of high yield crop seeds, the availability of drill machines, and the integrated control of wild oat, the integrated control of birds, raised beds cultivation, availability oforganicfertilizers withsuitable prices, availability of biofertilizers andnitrorgnicfertilizers.
- 5- There are many constraints face the crop growers, the most important of it is the absence of the specialized wheat extensionest, lake of irrigation water, high prices of fertilizers and not availability of it in the suitable time and high prices of pesticides.

