

The role of non-governmental Extension in Diffusing vegetable and fruit cultivating practices in Luxor Governorate

Hassan Abdel-Aty Mohamed Ahmed Shakwar

Lecturer, Department of Agricultural Extension and Rural Society, Faculty of Agriculture, Al-Azhar University, Assiut

Abstract

The aim of this research, in general, is to identify the degree to which the non-governmental advisors play their role in disseminating the practices of vegetable and fruit cultivating from the point of view of the farmers surveyed, and the degree to which the non-governmental advisors play their role in disseminating the practices of vegetable and fruit cultivating from the point of view of the surveyed non-governmental advisors in Luxor Governorate.

This research was conducted in Luxor Governorate because it is one of the main and important governorates of Upper Egypt in the cultivation of vegetables and fruits. The Esna Center was chosen; Being the largest administrative center of the governorate centers, representing 40% of the area of Luxor Governorate, and by the same criterion, the three largest villages were selected: (Al-Kayman, Tafari, and Asfoun) in terms of area in the cultivation of vegetables and fruits for the sample of farmers, while the sample of guides was chosen at the level of the center due to They are few in number, and the number of vegetable and fruit growers in the selected villages is 130, A sample of 97 respondents was selected. The sample was completed to 100 respondents for ease of calculations, and they were chosen in a simple random way from the total farmers. 100 non-governmental guides who work in vegetable and fruit nurseries and shops selling

agricultural production requirements at the center level were surveyed out of their total number, which is about 200 in the field of vegetable and fruit cultivation, at a rate of 50% %, and they were selected in a systematic random manner due to their small number, and field data were collected during the months of April and May 2021 AD by personal interview with the respondents.

The most important results of the search were as follows:

- The results showed that more than a quarter of the farmers surveyed (27%) mentioned that the non-governmental advisors introduced them to the appropriate and available varieties of vegetable and fruit seedlings on a permanent basis
- The results also showed that more than two thirds of the respondents' non-governmental extension agents (69%) stated that they had acquainted the respondents with the appropriate and available varieties of vegetable and fruit seedlings on a permanent basis
- The results show that about two thirds of the farmers surveyed (66%) mentioned that the non-governmental extension agents sometimes inform them of the planting date of the selected variety
- The results also showed that nearly half of the non-governmental respondents (47%) mentioned that they inform them of the timing of spraying pesticides and how to resist pests and weeds, and that they teach farmers about the appropriate fertilization program for the selected variety sometimes
- It was clear from the results that nearly two-thirds of the farmers surveyed (64%) mentioned that the non-governmental extension agents rarely told them the appropriate time to collect the crop.
- It was also clear from the results that more than half of the non-governmental extension agents surveyed (58%) mentioned that they rarely inform the farmers of the appropriate time to collect the crop.