

Farmer's knowledge and implementation of the technical recomndatiom on production and marketing of green bean crop

The research aims to identify the degree of knowledge and implementation of the farmers to the technical recomndatiom on production and marketing of green bean crop, determine the relationship between this degree and the independent variables studied, determine the farmer's benefits from agricultural information resources, determine the farmer's benefits from the agricultural extension activities which offered to them and finally studying relative importance of the problems facing the farmers in marketing green bean crop.

The study was conducted in the Governorate of Ismailia on a systematic random sample of 41 farmers from the total farmers which produce green bean for export through January and February 2019, and the collection of data had done by schedule with personal interview.

The results showed that:

- The average degree of knowing the technical guidance recommendations for production was 0.93 and for marketing was 0.89.
- A positive relationship at significant level 0.01 between the total degree of knowledge the technical guidance recommendations for production and the independent variables: education status, agricultural experience years, tenure area, cultivated crop area and agricultural experience years. While there is no relationship between total degree of knowledge the technical guidance recommendations for production and the independent variables: age, social status and participation degree in extension activities.
- A positive relationship at significant level 0.01 between the total degree of knowledge the technical guidance recommendations for marketing and the independent variables: education status, tenure area, cultivated crop area, agricultural experience years and participation degree in informal community activities. While there is no relationship between total degree of knowledge the technical guidance recommendations for marketing and the independent variables: age, social status, participation degree in formal community activities and participation degree in extension activities.
- The important resources that farmers get agricultural knowledge of production and marketing were Contracting companies and major exporters.