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TITLE: The Usage of Information Technologies in Food Traceability: An Application On Olive And Fig Enterprizes In The Province Of Aydin.

ABSTRACT

Information technologies consist of systems which help to record and protect information required for the whole supply chain processes and members and to provide this information when its needed. Information technologies help enterprizes to minimise and also avoid risks appeared within enterprizes and their environment.

Product traceability system is the most important information technology used in food sector. By using this system, enterprizes remove factors caused threats to consumer' s health and also minimise risks, which have probability to occur in supply chain processes, by strengthen their relationships with the supply chain members.

In this study, information was obtained about the traceability systems of the olive and fig enterprizes in the province of Aydin through the visits made in order to determine the benefits of food traceability systems for enterprizes and some proposals were given so as to contribute to future studies. Therefore, a questionnaire was applied by asking some questions to enterprizes about their traceability systems. Its determined that manual systems and barkod systems are used by the enterprizes in the form of food traceability systems. Furthermore for the enterpizes, besides the application of food traceability systems are expensive and unnecessary, they have lots of benefits such as supporting the food safety and quality, gaining new customers without losing the existing ones.

KEYWORDS

Information Technologies, Food Traceability, Food Chain, Olive and Fig Enterprizes, Aydin.