Explain the status of knowledge, attitude and behavior Vegetable Farmers towards organic farming (Case Study: Bavi city in Khuzestan Province)

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Demographic crisis on the one hand, and excessive use of pesticides and chemical fertilizers to dispel their nutritional needs on the other, were caused move traditional agriculture the Organic Farming for sustainable development. The purpose of this study was to explain the status of knowledge, attitude and behavior vegetable farmers towards organic farming in Bavi city in Khuzestan Province. The research method was descriptive - correlational. Statistical population of the study consisted of Vegetable Farmers in Bavi city (N=140).sample size was determined by using the table of Morgan (n=103). The sample was selected *randomly*. Research tools was a made questionnaire. The questionnaire's validity was confirmed by a panel of Agricultural extension and education experts. Its reliability was conducted and confirmed using Cronbach's alpha for knowledge ($\alpha= 0/89$), attitude $\alpha=0/77$) and behavior ($\alpha=0/68$). Data were analyzed by using $SPSSwin_{16}$ .The findings showed that, Respondents knowledge towards organic farming was low and their attitudes was negative and behavior are too the passive. Between agricultural work experience and attitudes (p=0/05) and knowledge (p=0/01) was a positive and significant correlation. Between knowledge, attitude and behavior towards organic farming) was a positive and significant correlation (p=0/01). *Results of regression analyzes indicate that* attitude variables, work experience and the amount of agricultural land were explain *42%* knowledge. Behavior and knowledge variables were explain ٤٠% changes in attitude. Knowledge, attitude and the amount of agricultural land were explain 39% changes in behavior.

Keywords: Organic agriculture, Vegetable farmers Bavi city, Attitude, Behavior