

investigation of Farm school about integrated pest management of wheat project's function to increase the farmers' knowledge level, in hamidie's regional of Khuzestan province with regard to food security

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According the growing consumer demand for healthy and high quality food and an increasing trend of pesticide application and increasing environmental and health effects of pesticides, it is felt that is necessary to reduce pesticide. In this regard Pest control can reduce the amount of pesticide. In fact, integrated product management is kind of cultivation strategy, that farmers are sought to protect and improve the environment and along economic benefit, thought to produce healthy food and this provide the context to achieve food security. The purpose of this study was to investigation of Farm school about integrated pest management of wheat project's function to increase the farmers' knowledge level, in hamidie's regional of Khuzestan province with regard to food security. Research method of this study was survey research. Total population of those who, 50 persons of farmers of hamidie's regional which was attended in Integrated Pest Management Plan by the school farm method. Data were collected by questionnaire and interview. validity of it was confirmed by expert views and reliability of its questions were confirmed by Pilot study and Cronbach's alpha for variables of Farmers' knowledge before Period, Farmers' knowledge after Period, Obstacles to implementation of IPM plan in farm school, Advantages of farm school were Respectively: 0/71, 0/68, 0/79 and 0/85. The impact of the pest management's farm school project on increasing farmers' knowledge in three stages: diagnosis of wheat's pest, control of wheat's pest and Struggle with wheat's pest was investigated. The results showed that the level of farmers' knowledge in three stages, diagnosis, control and Struggle with wheat's pest has increased.

Keywords: Farm school, wheat pest management, Food Security, Hamidiyeh