



Investigating Agricultural Insurance Role in Pistachio Growers' Adoption of Integrated Pest Management Technologies

Mohammad Mohammad Rezaei

MSc student of agricultural extension and education, department of agricultural
extension and education, collage of agriculture, Shiraz University, Shiraz, Iran
Mohammadrezaei.mohammad@yahoo.com

Agricultural productions activities mostly confront with risks and it can influencing farmers' decision making. Climate changes, market circumstances, drought, Pests and plant diseases are major risk factor in agriculture. Adopting new agricultural technologies, which are highly recommended by agricultural researchers in all of the world, contain with many uncertainties which can increase risk condition. Therefore, vast majority of farmers, who are experienced, prefer to apply conventional technologies which were used for many years. Investigating of agricultural insurances role in farmers' adoption of Pistachio Integrated Pest Management technologies was the main purpose of this research. Pistachio growers who work in Kerman province were considered of statistical society. Totally, 306 pistachio growers were selected as sample group and questionnaires were used for data collection instrument. Results revealed that those farmers who used agricultural insurance since 2009 to 2013 had positive relation with their adoption of Integrated Pest Management technology. Besides, findings revealed that agricultural insurances can decrease farmer's worries and uncertainties toward adoption of new technologies in their agricultural production.

Key Words: farm insurance, sustainable technologies, pistachio growers, IPM