



Evaluating the Agricultural Insurance Role on Efficiency of Pistachio Growers of Rafsanjan Town

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Abstract

The prime challenge of pistachio production is the low productivity of inputs and inefficiency of production process, it would be most appropriate to achieve increased production and improving efficiency level. Thus the inhibiting factors should be identified and then by designing & implementation of optimal policies, should be resolved. In this study, inefficient factors in pistachio production and the role of insurance for improving the efficiency by using stochastic frontier production function and Frontier software for 160 pistachio growers of Rafsanjan city in Karman province have been investigated in 1391. Results showed that, the inefficiency components in pistachio production consist of: personal experience, self-education, insurance and cultivation all had a positive relationship with efficiency, while age and risk aversion is negatively related to efficiency. Therefore, the development of insurance coverage could increase the efficiency of pistachio production.

Keywords:

Inefficiency, The Stochastic Frontier Production Function, Agricultural Insurance, Risk, Pistachio & Rafsanjan City.

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