

### **Investigation of Factors influencing livestock insurance adoption development (case study: Sagez township)**

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Agricultural producers have always encountered with the damages of Natural disasters and their economical life is encountered with the serious risks. Livestock sector, as one of the main sub-sector of agriculture sector, despite a special place in most villages of our country, such as the other agricultural activities, is one of the most risky economic activities due to uncontrollable conditions. In this case, livestock and agricultural products insurance, is inevitable as principal strategies to decrease economical risks and encouraging the investment motivations in livestock and agricultural sector. The population of this research included all Ziviyeh rural district ranchers of Sagez Township, that a sample of 120 was selected by using random sampling from 4 villages. Data was collected by using a survey method and questionnaire was the main instrument. The descriptive results showed that the average age of respondent was 49.47 years. Also, the results showed that the majority of ranchers were traditionally (82 %) ranch and 81 % of respondent was agreed with insurance adoption. The inferential analyses results using structural equations modeling showed that factors such as age and income had a negative and significant effect, while other factors such as level of education, awareness, satisfaction and trust to insurance had a positive and significant effect on livestock insurance adoption development.

**Key Words:** Insurance, Livestock, Adoption, Sagez Township