

# Research on farming risks and related factors in Taiwan poultry industry farmers <sup>(1)</sup>

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## Abstract

This study aims to investigate the possible risk sources from business activities of poultry farmers in Taiwan by analyzing the characteristics of farming risks of respondents through the attributes of risk sources and exploring the relationship between farming risks, investment behaviors and self-risk perceptions in Taiwan poultry farmers. Respondent poultry farmers mainly adopted environmentally-friendly farming, followed by conventional farming in terms of production attribute, marketing through self-selling or dealers, and cash payment on the spot. In terms of financial attribute, the acceptable investment loss mainly fell under 40%, with a moderate and reasonable return on investment expected. Most farmers had joined at least one organization and shared 1 or 2 agricultural information with others. The cross-analysis of risk attributes and sources of funds showed that the farming type, acceptable investment loss, the reasons for joining the organization, and agricultural information sharing had a significant relationship with the source of funds. Such sources of risks included production, financial, and institutional attributes. The self-assessed risk tolerance level of poultry farmers was significantly related to agricultural academic background. In terms of risk source attributes, self-assessed risk tolerance level was related to years of farming, supportable time when accident, acceptable price fluctuations and impact of investment loss over 30% had a significant relationship, including human, production, marketing, and financial attributes of risk sources.

Key words: Poultry industry, Risk sources, Attributes of risk sources.

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