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Adapting pest control management to climate change

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Understanding farmers' perception of climate change and how their decisions are affected by climatic conditions is relevant in assisting them in the adaptation process. Investigating their acceptance of available adaptive strategies, constraints and opportunities to enhance their adaptive capacity are therefore crucial. Our aim is to examine strawberry farms' condition and farmers' perception in adapting pest control management in three regional contexts: Trentino province (Italy), Sharon area (Israel) and North Rhine-Westphalia (Germany). Results showed that there are significant differences in adopting new pest control strategy in the three investigated areas. These differences are mainly related to the distinct agricultural systems in which farmers operate, the role of governments and to the current specific knowledge networks.