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Farmer Adaptation to Climatic Variability and Change

12 Comparing Apples and Grapes: Farm-Level Vulnerability to Climate Variability and Change 13 Vulnerability and Adaptation to Climate Risks in Southwestern Ontario Farming Systems; 14 Community-Based Watershed Management as an Agricultural Adaptation to Climatic Extremes in the Canadian Prairies; 15 Household Access to Capital and Its Influence on Climate-Related Rural Population Change: Lessons from the Dust Bowl Years; 16 Policy Implications: Panelists' Comments; 17 Climate Change Adaptation Research and Policy for Canadian Agriculture;

Sommario/riassunto

In farming systems across Canada, effective risk management is necessary to deal with drought, flooding, and extreme weather, and to adapt to altered climate and weather conditions. Unfortunately, climate change risks and opportunities are not always well understood among researchers and policy makers in the Canadian agri-food sector. This book addresses that gap by providing a wide-ranging synopsis of what climate change means for Canadian agriculture, exploring different approaches to the topic, and presenting examples of current research. It covers all agricultural regions and a wide variety of commodity production and farming systems. This comprehensive survey synthesizes twenty years of research on climate change and Canadian agriculture.