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ÉVOLUER AU MÊME RYTHME QUE LES CONSOMMATEURS :  
COMPRENDRE LES EFFETS D'UN ENVIRONNEMENT EN ÉVOLUTION SUR LES POLITIQUES

**Analysis of Market Interdependencies and Price Volatility Spillovers in the Western Canadian  
Feed Barley, U.S. Corn and Alberta Cattle Markets**

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Over the last few decades, the Alberta cattle markets have experienced some extreme events including the 2003 Canadian bovine spongiform encephalopathy (BSE) crisis and recent episodes of feed price surges. These events may have affected the market interdependencies and price volatility spillovers along the cattle supply chain. In this study, the diagonal asymmetric generalized dynamic conditional correlation (AG-DCC) GARCH and asymmetric Baba-Engle-Kraft-Kroner (BEKK) GARCH models were used to assess market linkages and volatility spillovers in the Alberta cattle and feed grain markets. Empirical results suggested strong market interdependencies and bi-directional volatility spillovers throughout the cattle supply chain. We also found weak but asymmetric market linkages and volatility spillovers between the cattle and the feed grain markets. The effect of the BSE crisis and feed price surges were significant but not permanent. This study provides useful market information for agricultural producers forming risk management strategies. And it informs policy makers to help them design efficient market stabilization programs.