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Agric. Econ. – Czech

Ramphul O.:

Agricultural exports and the growth of agriculture in India

Agric. Econ. – Czech, 59 (2013): 211-218

The study empirically investigates the causality between agricultural exports and gross domestic product (GDP) agriculture in India using the Granger causality test via Vector Error-Correction Model over the period 1970 – 1971 to 2009 – 2010. The results of unit-root tests suggest that the series of India ' s GDP agriculture and farm exports are integrated of order

one. The results of the Auto Regressive Distributed Lag bounds testing approach to co-integration show that there is a positive and stable long-run equilibrium relationship between India ' s agricultural exports and GDP of agriculture. We find a unidirectional causal link running from farm exports to gross domestic product of agriculture. It indicates that in India, agricultural products export Granger causes the growth in GDP of agriculture, which supports the export-led growth hypothesis. It is suggested that in order to accelerate the agricultural growth rate in India, there is a need to implement the policies encouraging the agricultural exports.

Keywords:

co-integration, export-led growth hypothesis, Granger causality

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