



**RESEARCH ARTICLE :**

# Production and export performance of Indian onion- Markov chain analysis

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**SUMMARY :** South Asia is native to onion (*Allium cepa*) and India is the second largest producer of onion after China. In the present study Markov chain analysis was attempted through linear programming method to assess the transition probabilities for the major onion markets. It was estimated that during 2010-11 the major onion export destinations were Bangladesh (36.55 %), Malaysia (21.03 %) and others contributing about 16.47 per cent. The increasing share of other countries clearly showed the need to explore and exploit the market potential of other countries. Efforts are also needed to improve the efficiency of production and quality in order to stabilize the markets.

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