

## PATTERN OF PRICES AND MARKET INTEGRATION OF MAJOR PULSE CROPS IN GUJARAT

**Ganga Devi\*, K.S. Jadav and Priyanka Changela**

*Department of Agricultural Economics, B. A. College of Agriculture, Anand Agricultural University  
Anand, Gujarat -388110*

*Department of Agricultural Economics, B. A. College of Agriculture, Anand Agriculture University,  
Anand (Gujarat)*

*Email: [gangasaran1982@gmail.com](mailto:gangasaran1982@gmail.com)*

*Received-05.02.2019, Revised-12.04.2019*

**Abstract:** The study has analyzed price and arrivals pattern and market integration of major pulse crops i.e. gram and tur in Gujarat state. The secondary data on monthly wholesale prices and arrivals were collected from the website of [agmarknet.gov.in](http://agmarknet.gov.in) of selected regulated markets for last ten years (2007 to 2016). The study has indicated that the inter-year price analysis shows upward trend of annual price indices and there was a significant increase in the price of gram and tur in all the selected markets with positive and statistically significant compound growth rate during the study period. The intra-year price analysis revealed that the general pattern of seasonal variations in prices were found with increased the prices in off season and decreased in main season all most in all the selected markets in both the crops. The pattern of arrivals shows that the quantity of arrival was more in off season in the selected markets. This may be due to that the stockiest released their stocks with the commencement of new season. The results of market integration exposed that there was positive and significant correlation was found for each market pairs that means the wholesale prices of gram and tur was integrated in all the selected markets. Thus, it can be inferred from the above results that the prices increased in one market, it leads to increase the prices in other markets.

**Keywords:** Gram, Tur, Price behavior, Wholesale prices, Arrivals, Seasonal price indices, Market integration

### REFERENCES

- Acharya, S. S. and Agarwal, N. L. (1994). Agricultural prices- analysis and policy, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
- Barrett, C. B. (2001). Measuring integration and efficiency in international agricultural markets. *Review of Agricultural Economics*, **23**(1): 19-32.
- Cuddy, J. A. and Della Valle, P. A. (1978). Oxford Bulletin of Economics and Statistics, **40**(1): 79-85.
- Della Valle, P. A. (1979). Oxford Bulletin of Economics and Statistics, **41**(3): 247-248.
- Gulati, A., Shah, T. and Ganga, S. (2009). *Agriculture Performance in Gujarat since 2000: Can it be a Divadandi for other State?* New Delhi: International Food Policy Research Institute.
- Shalendra, Gummagolmath, K. C., Sharma, P. and Patil, S. M. (2013). Role of pulses in the food and nutritional security in India. *Journal of Food Legumes*, **26**: 124-129.
- Sidhu, R. S., Kumar, S., Vatta, K. and Singh, P. (2010). Supply chain analysis of onion and cauliflower in Punjab. *Agricultural Economics Research Review*, **23**: 445-453.
- Singh, A. K., Singh, S. S., Prakash, V., Kumar, S. and Dwivedi, S. K. (2015). Pulses production in India: Present Status, Bottleneck and Way Forward. *Journal of AgriSearch*, **2**(2): 75-83.
- Srivastava, S. K., Sivaramane, N. and Mathur, V. C. (2010). Diagnosis of pulses performance of India. *Agricultural Economics Research Review*, **23**(1): 137-148.
- Vision 2050, Indian Institute of Pulse Research, (Indian Council Agricultural Research) Kanpur. Website: [www.iipr.res.in](http://www.iipr.res.in).

\*Corresponding Author