

KHARIF 2017-18 PRE-SOWING PRICE FORECAST OF JOWAR

**Jowar Price per Quintal will be around Rs. 1150 - 1350 at the Time of Harvesting
(September to October 2017)**

Jowar or sorghum is one of the major staple food grain crops in India. Next to wheat and rice, the maximum cultivated land in India is utilized to produce jowar. The crop is currently grown in over 66 countries, with African countries leading the production figure. India has the largest sorghum area with 6161.4 thousand hectares in both rabi and kharif. It was followed by Nigeria, Sudan, USA and Niger as major sorghum cultivating countries. In India, Maharashtra, Karnataka, Andhra Pradesh, Telangana, Madhya Pradesh, Gujarat, Rajasthan, Uttar Pradesh and Tamil Nadu are the major jowar producing states contributing 95% of country's production. According to the third advance estimates, production of jowar is restricted to 4.74 million tonnes against the target of 6.0 million tonnes during 2016-17.

In Telangana Mahabubnagar, Vikarabad, Sangareddy, Nirmal, Asifabad and Kamareddy are the major jowar growing districts contributing around 75% of total jowar production in the state. The area under jowar during 2016-17 was almost doubled in the state i.e., 0.58 lakh hectares from 0.36 lakh hectares in 2015-16 due to favorable agro-climatic conditions.

The Agricultural Market Intelligence Centre established under a research project for development of price forecasting mechanism in the Department of Agricultural Economics, College of Agriculture, Professor Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad with the financial support of Agricultural Marketing Department, Telangana State has assessed pre-sowing price of jowar for kharif 2017-18. Under expected normal rainfall and crop area coverage, it is predicted that the jowar price per quintal will be around **Rs. 1150 - 1350** at the time of harvesting (Sep to Oct 2017). This price forecast is based on the monthly modal price of jowar obtained for 16 years from Mahbubnagar regulated market using econometric models like ARIMA, SARIMA, ARCH, GARCH and ANN and also the market survey.

Note: There may be any possible deviation of the actual prices from the predicted prices in light of tentative developments in the commodity markets such as change in international prices, export or import restrictions, etc. And these price forecasts are based on past market price data & different econometric models and that actual market price may not turn out to be the same as forecasted.