

KHARIF 2019-20 PRE-SOWING PRICE FORECAST OF JOWAR

Jowar Price per Quintal will be around Rs. 2600-2900 at the Time of Harvesting (September to October 2019)

Sorghum popularly known as 'jowar' is the most important food and fodder crop of dry land agriculture. It is the 5th most important cereal crop in the world and 3rd most important cereal crop in India after wheat and rice. USA is the World's leading producer of sorghum, with a total production of 11.5 million metric tonnes followed by India, Nigeria, Mexico, Ethiopia, Sudan, China, Argentina, Australia and Brazil.

In India, during kharif 2018-19, 17.65 lakh ha area was under sorghum. Among the states, Rajasthan stood first in jowar acreage with 5.75 lakh hectares followed by Maharashtra (3.13 lakh hectares), Madhya Pradesh (2.51 lakh hectares), Uttar Pradesh (1.96 lakh hectares), Haryana (1.77 lakh hectares), Karnataka (0.95 lakh hectares), Tamil Nadu (0.68 lakh hectares) and Telangana (0.34 lakh hectares) contributing 95% of country's total area and production. According to the 2nd advance estimates of production of major crops for 2018-19, sorghum production estimate was 3.75 million tonnes as compared to previous year's production of 4.66 million tonnes.

In Telangana, acreage under jowar during kharif 2018-19 was 33,983 hectares compared to 42,432 hectares in previous year. Among the districts Mahabubnagar stood first in acreage with 14,311 hectares followed by Sangareddy (3,611 hectares), Rangareddy (3,438 hectares), Adilabad (2,790 hectares), Nagarkurnool (2,539 hectares), Vikarabad (2,534 hectares) and Wanaparthy (2,056 hectares) contributing around 90% of total jowar acreage and production in the state.

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, Rajendranagar, Hyderabad at Professor Jayashankar Telangana State Agricultural University with the financial support of Agricultural Marketing Department, Telangana State has assessed 2019-20 kharif pre-sowing price forecast of jowar. Under expected normal rainfall and crop area coverage, it is predicted that the jowar price per quintal will be around **Rs.2600-2900** at the time of harvesting (September to October 2019). This price forecast is based on the monthly modal price of jowar obtained for 17 years from Mahabubnagar regulated market using econometric models like ARIMA, SARIMA, ARIMAX, ARCH and GARCH and also the market survey. Mahabubnagar, Narayanpet and Badepalli are the major jowar markets in Telangana state.

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.