

KHARIF 2019-20 PRE-HARVEST PRICE FORECAST OF JOWAR

Jowar Price per Quintal will be around Rs. 2400-2700 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. USDA estimates that the world sorghum production during 2019-20 will be 59.48 million metric tonnes compared to previous year 59.35 million tons. United States is the largest producer with 8.98 million metric tonnes followed by Nigeria (6.90 million metric tonnes), Ethiopia (5.0 million metric tonnes), Mexico (5.0million metric tonnes), India (4.5 million metric tonnes), Sudan (4.0million metric tonnes), China (3.6 million metric tonnes) and Argentina (2.5 million metric tonnes).

In India, during kharif 2019-20, 14.06 lakh ha area was under sorghum compared to 15.83 lakh hectares in previous year. Among the states, Rajasthan stood first in jowar acreage with 5.63 lakh hectares followed by Maharashtra (2.65 lakh hectares), Uttar Pradesh (1.90 lakh hectares) and Madhya Pradesh (1.39 lakh hectares) contributing 85% of country's total area and production. According to the 3rd advance estimates of production of major crops for 2018-19, sorghum production estimate was 3.70 million tonnes as compared to previous year's production of 4.80 million tonnes.

In Telangana, acreage under jowar during kharif 2019-20 was 38,969 hectares compared to 33,506 hectares in previous year. Among the districts Mahabubnagar stood first in acreage with 12,289 hectares followed by Narayanpet (4,356 hectares), Rangareddy (3,691 hectares), Sangareddy (3,396 hectares) and Adilabad (3,327 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-harvest price forecast of jowar. Under uneven rainfall and increased area coverage, it is predicted that the jowar price per quintal will be around **Rs. 2400 - 2700** 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.