

VANAKALAM (KHARIF) 2020-21 PRE-SOWING PRICE FORECAST OF JOWAR

Jowar Price per Quintal will be around Rs. 2400-2600 at the Time of Harvesting (September to October 2020)

United States of America ranks first in sorghum production with 9.27 million tonnes followed by Nigeria 6.86 million tonnes, Sudan 4.95 million tonnes, Ethiopia 4.93 million tonnes and India 4.80 million tonnes accounting for 15.62, 11.56, 8.35, 8.31 and 8.09 percent of total world production of 59.34 million tonnes in 2018-19.

For 2020-21, USDA has projected world sorghum area as 40.97 million hectares (101.23 million acres) and production as 59.76 million tonnes. For India, the same was projected as 4.80 million hectares (11.86 lakh acres) and 4.40 million tonnes respectively. India ranks third in jowar area and fifth in production in the world.

In India, during vanakalam (kharif) 2019-20, 14.06 lakh ha (34.74 lakh acres) area was under sorghum compared to 15.83 lakh hectares (39.11 lakh acres) in previous year. Among the states, Rajasthan stood first in jowar acreage with 5.63 lakh hectares (13.91 lakh acres) followed by Maharashtra 2.65 lakh hectares (6.54 lakh acres), Uttar Pradesh 1.90 lakh hectares (4.69 lakh acres) and Madhya Pradesh 1.39 lakh hectares (3.43 lakh acres) contributing 85% of country's total area and production. According to the 3rd advance estimates, Govt. of India for 2019-20, sorghum production estimate was 4.63 million tonnes as compared to previous year's production of 3.48 million tonnes.

In Telangana, area under jowar during vanakalam (kharif) 2019-20 was 38,969 hectares (96,294 acres) compared to 33,506 hectares (82,795 acres) in previous year. Among the districts Mahabubnagar stood first in acreage with 12,289 hectares (30,366 acres) followed by Narayanpet 4,356 hectares (10,763 acres), Rangareddy 3,691 hectares (9,120 acres), Sangareddy 3,396 hectares (8,391 acres) and Adilabad 3,327 hectares (8,221 acres). According to the 3rd advance estimates, Govt. of Telangana for 2019-20, sorghum production estimate was 1.08 lakh tonnes with productivity of 1235 Kg per hectare (500 Kg per acre).

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 2020-21 vanakalam (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. 2400-2600** at the time of harvesting (September to October 2020). This price forecast is based on the monthly modal price of jowar obtained for 18 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.