

VANAKALAM (KHARIF) 2022-23 PRE-SOWING PRICE FORECAST OF JOWAR

Jowar Price per Quintal will be around Rs. 1850-2300 at the Time of Harvesting (September to October 2022)

United States of America ranks first in sorghum production with 9.47 million tonnes followed by Nigeria 6.36 million tonnes, Ethiopia 5.06 million tonnes, India 4.77 million tonnes and Mexico 4.70 million tonnes accounting for 16, 11, 9,8 and 8 percent of total world production of 58.70 million tonnes in 2020-21.

For 2022-23, USDA has projected world sorghum production as 62.66 million tonnes. For India, the same was projected as 4.40 million tonnes. India ranked second in jowar area and fourth in production in the world during 2020-21.

In India, during vanakalam (kharif) 2021-22, 14.65 lakh ha (36.20 lakh acres) area was under sorghum compared to 15.13 lakh hectares (37.39 lakh acres) in previous year. Among the states, Rajasthan stood first in jowar acreage with 6.39 lakh hectares (15.79 lakh acres) followed by Maharashtra 2.09 lakh hectares (5.16 lakh acres), Uttar Pradesh 2.10 lakh hectares (5.19 lakh acres), Madhya Pradesh 1.55 lakh hectares (.383 lakh acres) and Tamil Nadu 1.16 lakh hectares (2.87 lakh acres) contributing 90% of country's total area and production. According to the 3rd advance estimates, Govt. of India for 2021-22, sorghum production estimate was 4.51 million tonnes as compared to previous year's production of 4.81 million tonnes.

In Telangana, area under jowar during vanakalam (kharif) 2021-22 was 37,725 acres compared to 1,06,308 acres in previous year. Among the districts Mahabubnagar stood first in acreage with 11,648 followed by Narayanpet 5,250 acres, Adilabad 4,442 acres Rangareddy 4,153 acres and Vikarabad 2,504 acres. According to the 2nd advance estimates, Telangana jowar production estimate was 0.84 lakh tonnes for 2021-22 as against 1.60 lakh tonnes in 2020-21.

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 2022-23 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. 1850-2300** at the time of harvesting (September to October 2022). This price forecast is based on the monthly modal price of jowar obtained for 20 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.