

VANAKALAM (KHARIF) 2023-24 PRE-SOWING PRICE FORECAST OF JOWAR

Jowar Price per Quintal will be around Rs. 1850-2200 at the Time of Harvesting (September to October 2023)

United States of America ranks first in sorghum production with 11.37 million tonnes followed by Nigeria 6.73 million tonnes, India 4.81 million tonnes, Ethiopia 4.45 million tonnes and Mexico 4.37 million tonnes accounting for 19, 11, 8,7 and 7 percent of total world production of 61.36 million tonnes in 2021.

For 2023-24, USDA has projected world sorghum production as 62.18 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 2021.

In India, area under jowar in 2022-23 was 13.37 lakh hectares (33.04 lakh acres) as against 13.86 (34.25 lakh acres) lakh hectares during 2021-22. Among the states, Rajasthan stood first with 6.80 lakh ha (16.80 lakh acres) followed by Uttar Pradesh 2.02 lakh ha (4.99 lakh acres), Maharashtra 1.45 lakh ha (3.58 lakh acres), Madhya Pradesh 1.26 lakh ha (3.11 lakh acres) and Tamil Nadu 0.64 lakh ha (1.58 lakh acres) as against 6.38 lakh ha (15.77 lakh acres), 2.09 lakh ha (5.16 lakh acres), 2.07 lakh ha (5.12 lakh acres), 1.23 lakh ha (3.04 lakh acres) and 0.78 lakh ha (1.93 lakh acres) in respective states during 2021-22. According to the 2nd advance estimates, Government of India for 2022-23, sorghum production estimate was 4.07 million tonnes as compared to previous year's production of 4.15 million tonnes.

In Telangana, area under jowar in 2022-23 was 29,588 acres compared to 55,851 acres in previous year. Among the districts Mahabubnagar stood first in acreage with 8,842 acres followed by Adilabad (4,403 acres), Narayanpet (3,976 acres), Rangareddy (2,985 acres) and Asifabad (2,895 acres) as against 19,142 acres, 3,817 acres, 6,639 acres, 7,833 acres and 2,519 acres in respective districts during 2021-22. According to the 3rd advance estimates, Telangana jowar production estimate was 0.75 lakh tonnes for 2022-23 as against 1.16 lakh tonnes in 2021-22.

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 2023-24 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. 1850-2200** at the time of harvesting (September to October 2023). This price forecast is based on the monthly modal price of jowar obtained for 21 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.