

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

Jowar Price per Quintal will be around Rs. 1850-2200 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, Mexico 4.70 million tonnes, China 3.55 million tonnes and Brazil 2.77 million tonnes accounting for 16, 11, 9,8,8, 6 and 5 percent of total world production of 58.71 million tonnes in 2020-21.

For 2022-23, USDA has projected world sorghum area as 41.04 million hectares (101.41 million acres) and production as 60.38 million tonnes. For India, the same was projected as 4.50 million hectares (11.11 million acres) and 4.40 million tonnes respectively. India ranked second in jowar area and forth in production in the world during 2020-21.

In India, as on 19th August 2022 area under jowar 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 4th advance estimates, Government of India for 2021-22, sorghum production estimate was 4.23 million tonnes as compared to previous year's production of 4.81 million tonnes.

In Telangana, as on 17th August 2022 area under jowar 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 4th advance estimates, Government of Telangana for 2021-22, sorghum production estimate was 1.03 lakh tonnes with productivity of 622 Kg per acre. Government of India has increased MSP of jowar by Rs. 232 per quintal for 2022-23 kharif marketing season i.e., Rs. 2970/Qtl (Hybrid) and Rs. 2990/Qtl (Maldandi) as compared to previous year MSP of Rs. Rs. 2738/Qtl and Rs. 2758/Qtl respectively.

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-harvest price forecast of jowar. Considering the present crop area coverage and its condition, it is predicted that the jowar price per quintal will be around **Rs. 1850-2200** 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.