

VANAKALAM (KHARIF) 2021-22 PRE-HARVEST PRICE FORECAST OF JOWAR

Jowar Price per Quintal will be around Rs. 2000-2300 at the Time of Harvesting (September to October 2021)

United States of America ranks first in sorghum production with 8.67 million tonnes followed by Nigeria 6.66 million tonnes, Ethiopia 5.26 million tonnes, Mexico 4.35 million tonnes, Sudan 3.71 million tonnes, China 3.60 million tonnes and India 3.47 million tonnes accounting for 15, 11.51, 9.09, 7.52, 6.41, 6.22 and 6 percent of total world production of 57.90 million tonnes in 2019-20.

For 2021-22, USDA has projected world sorghum area as 41.97 million hectares (103.70 million acres) and production as 65.21 million tonnes. For India, the same was projected as 4.80 million hectares (11.86 lakh acres) and 4.60 million tonnes respectively. India ranked third in jowar area and seventh in production in the world during 2019-20.

In India, as on 13th August 2021 area under jowar during 2021-22 was 13.64 lakh hectares as against 14.12 lakh hectares during 2020-21. Among the states, Rajasthan stood first with 5.88 lakh ha followed by Uttar Pradesh 2.06 lakh ha, Maharashtra 2.04 lakh ha, Madhya Pradesh 1.53 lakh ha and Tamil Nadu 0.87 lakh ha contributing 90% of country's total area and production. The same in 2020-21 was accounted as 5.71 lakh ha in Rajasthan, 2.03 lakh ha in Uttar Pradesh, 2.67 lakh ha in Maharashtra, 1.30 lakh ha in Madhya Pradesh and 0.87 lakh ha in Tamil Nadu. According to the 3rd advance estimates, Government of India for 2020-21, sorghum production estimate was 4.80 million tonnes as compared to previous year's production of 4.77 million tonnes.

In Telangana, as on 18th August 2021 area under jowar was 56,283 acres compared to 99,115 acres in previous year. Among the districts Mahabubnagar stood first in acreage with 19,142 acres followed by Rangareddy 7,933 acres, Narayanpet 6,639 acres, Vikarabad 5,450 acres and Adilabad 3,817 acres as against 25,415 acres, 24,621 acres, 7,682 acres, 9,685 acres and 3,734 acres in respective districts during 2020-21. According to the 4th advance estimates, Government of Telangana for 2020-21, sorghum production estimate was 1.60 lakh tonnes with productivity of 709 Kg per acre. Government of India has increased MSP of jowar by Rs. 118 per quintal for 2021-22 kharif marketing season i.e., Rs. 2738/Qtl (Hybrid) and Rs. 2758/Qtl (Maldandi) as compared to previous year MSP of Rs. 2620/Qtl and Rs. 2640/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 2021-22 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. 2000-2300** at the time of harvesting (September to October 2021). This price forecast is based on the monthly modal price of jowar obtained for 19 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.