

VANAKALAM (KHARIF) 2020-21 PRE-HARVEST 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, as on 12th August 2020 area under jowar during 2020-21 was 14.53 lakh hectares as against 14.56 lakh hectares during 2019-20. Among the states, Rajasthan stood first with 5.75 lakh ha followed by Maharashtra 2.67 lakh ha, Uttar Pradesh 2.08 lakh ha, Madhya Pradesh 1.38 lakh ha and Tamil Nadu 0.74 lakh ha contributing 87% of country's total area and production. The same in 2019-20 was accounted as 5.73 lakh ha in Rajasthan, 2.77 lakh ha in Maharashtra, 2.01 lakh ha in Uttar Pradesh, 1.43 lakh ha in Madhya Pradesh and 0.59 lakh ha in Tamil Nadu. 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, as on 12th August 2020 area under jowar during 2020-21 was 97,246 acres compared to 94,933 acres in previous year. Among the districts Mahabubnagar stood first in acreage with 25208 acres followed by Narayanpet 4,356 hectares, Rangareddy 3,691 hectares, Sangareddy 3,396 hectares and Adilabad 3,327 hectares as against 30,366 acres, 10763 acres, 9,120 acres, 8,391 acres and 8,221 acres in respective districts during 2019-20. 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). Government of India has increased MSP of jowar by Rs. 70 per quintal for 2020-21 kharif marketing season i.e., Rs. 2620/Qtl as compared to previous year MSP of Rs. 2550/Qtl.

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-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. 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.