

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

Jowar Price per Quintal will be around Rs. 2200-2500 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 ranks third in jowar area and seventh in production in the world during 2019-20.

In India, during vanakalam (kharif) 2020-21, 16.52 lakh ha (40.82 lakh acres) area was under sorghum compared to 16.63 lakh hectares (41.09 lakh acres) in previous year. Among the states, Rajasthan stood first in jowar acreage with 5.92 lakh hectares (14.62 lakh acres) followed by Maharashtra 2.73 lakh hectares (6.74 lakh acres), Uttar Pradesh 2.10 lakh hectares (5.18 lakh acres) and Haryana 1.83 lakh hectares (4.52 lakh acres) contributing 80% of country's total area and production. According to the 2nd advance estimates, Govt. of India for 2020-21, sorghum production estimate was 4.74 million tonnes as compared to previous year's production of 4.77 million tonnes.

In Telangana, area under jowar during vanakalam (kharif) 2020-21 was 43,027 hectares (1,06,324 acres) compared to 59,494 hectares (1,47,013 acres) in previous year. Among the districts Rangareddy stood first in acreage with 11,456 hectares (28,310 acres) followed by Mahabubnagar 10,588 hectares (26,165 acres), Vikarabad 3,950 hectares (9,758 acres), Nagarkurnool 3,942 hectares (9,738 acres) and Narayanpet 3,137 hectares (7,749 acres). According to the 1st advance estimates, Govt. of Telangana for 2020-21, sorghum production estimate was 0.53 lakh tonnes with productivity of 1279 Kg per hectare (518 Kg per acre).

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-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. 2200-2500** 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.