

VANAKALAM (KHARIF0 2020-21 PRE-HARVEST PRICE FORECAST OF MAIZE)

Maize Price per Quintal will be around Rs. 1400-1600 at the Time of Harvesting (October to November 2020)

Maize (*Zea mays L.*) is one of the most versatile emerging crops having wider adaptability under varied agro-climatic conditions. Globally, maize is known as queen of cereals because it has the highest genetic yield potential among the cereals. It is cultivated in about 168 countries having wider diversity of soil, climate, biodiversity and management practices. United States of America is the largest producer of maize contributing nearly 34% of the total production in the world. Other important growing countries are China, Brazil, Argentina, Ukraine, Indonesia, India, Mexico and Romania.

In India, during kharif 2020-21, area under maize has been sown in around 80.71 lakh hectares as compared to 80.45 lakh hectares during kharif 2019-20. Major maize growing states in India are Madhya Pradesh 15.38 lakh ha (38 lakh acres), Karnataka 13.71 lakh ha (33.88 lakh acres), Rajasthan 9.34 lakh ha (23.08 lakh acres), Maharashtra 8.61 lakh ha (21.28 lakh acres), Uttar Pradesh 7.41 lakh ha (18.31 lakh acres), Bihar 3.91 lakh ha (9.66 lakh acres) and Himachal Pradesh 2.90 lakh ha (7.17 lakh acres). According to the 4th Advance Estimates of Production of food grains for 2019-20, maize production estimate was 28.64 million tonnes as compared to last year production of 27.72 million tonnes.

In Telangana, during kharif 2020-21 area under maize was 0.89 lakh hectares (2.20 lakh acres) as against 3.90 lakh ha (9.64 lakh acres) during kharif 2019-20. Major maize growing districts in Telangana include Kamareddy 13400 ha (33111 acres), Jagtial 11709 ha (28933 acres), Nizamabad 8671ha (21426 acres), Mahabubabad 9034 ha (22324 acres), Rangareddy 8884 ha (21953 acres), Nagarkurnool 5179 ha (12797 acres), Siddipet 4390 ha (10847 acres) and Vikarabad 3271 ha (8084 acres) contributing nearly 80% of total maize production. It is expected that decrease in acreage and increasing demand from poultry industry would support to maize prices in the state.

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 kharif pre-harvesting price forecast of maize. Under good rainfall and very low crop coverage, it is expected that the maize price per quintal will be around **Rs.1400-1600** at the time of harvesting (Oct to Nov 2020). This price forecast is based on the monthly modal price of maize obtained for 18 years from Badepalli regulated market using econometric models like ARIMA, ARIMAX, SARIMA, ARCH, GARCH and also the market survey.

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.