

YASANGI (RABI) 2020-21 PRE-SOWING PRICE FORECAST OF MAIZE

Maize Price per Quintal will be around Rs. 1350-1550 at the Time of Harvesting (January to March 2021)

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 Rabi 2019-20, area under maize was 16.98 lakh hectares as compared to 14.78 lakh hectares during Rabi 2018-19. Major maize growing states in India are Bihar 5.05 lakh ha (12.47 lakh acres), Maharashtra 2.27 lakh ha (5.60 lakh acres), Andhra Pradesh 1.67 lakh ha (4.12 lakh acres), Telangana 1.49 lakh ha (3.68 lakh acres), Gujarat 1.32 lakh ha (3.26 lakh acres) and West Bengal 1.12 lakh ha (2.76 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 rabi 2019-20 area under maize was 2.53 lakh hectares as against 1.28 lakh hectares during rabi 2018-20. Major maize growing districts in Telangana include Warangal 44709 ha (1.10 lakh acres), Khammam 36856 ha (0.91 lakh acres), Nirmal 33701 ha (0.83 lakh acres), Kamareddy 14999 ha (0.37 lakh acres) and Karimnagar 13022 ha (0.32 lakh acres), contributing nearly 70% of total maize production.

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 yasangi (rabi) pre-sowing price forecast of maize. Under expected normal weather and crop coverage, it is expected that the maize price per quintal will be around **Rs.1350-1550** at the time of harvesting (Jan to Mar 2021). 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.