

**KHARIF 2019-20 PRE-HARVEST PRICE FORECAST OF MAIZE**  
**Maize Price per Quintal will be around Rs. 1750-1950 at the Time of Harvesting**  
**(October to November 2019)**

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 on nearly 150 m ha in about 160 countries having wider diversity of soil, climate, biodiversity and management practices that contribute 36% (782 metric tonnes) of the global grain production. The United States of America is the largest producer of maize contributing nearly 35% of the total production in the world. Other important growing countries are China, Brazil, European Union Argentina, India, Ukraine and Mexico.

In India, during kharif 2019-20, area under maize has been sown in around 80.38 lakh hectares as compared to 78.54 lakh hectares during kharif 2018-19. Major maize growing states in India are Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Bihar, Uttar Pradesh, Telangana, Gujarat and Tamil Nadu. According to the 4<sup>th</sup> Advance Estimates of Production of food grains for 2018-19, maize production estimate was 27.23 million tonnes as compared to last year production of 27.14 million tonnes. In Telangana, during kharif 2019-20 area under maize was 3.81 lakh hectares as against 4.62 lakh hectares during kharif 2018-19. Major maize growing districts in Telangana include Siddipet, Nagarkurnool, Rangareddy, Vikarabad, Mahabubnagar, Kamareddy, Nizamabad, Karimnagar and Jagtial contributing nearly 85% of total maize production. Maize sown area is 76% to season normal and its sowing is almost completed. In Mahabubnagar district total yield could be affected around 20- 25% due to pest and untimely rainfall while in Jangaon district, crop yield could be affected around 5- 10%. In Hubli, Dharwad and Belgaum districts of Karnataka the crop loss, due to heavy rainfall, could be around 15 to 20%. Whereas the same in Shimoga, Bagalkot and Bijapur districts, could be around 5 %.

There is higher maize ending stock of 1.54 MMT in 2019-20 (Forecast) as compared to 1.43 MMT in 2018-19 (Estimated) due to rise in production because normal rainfall and high crop coverage in India.

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 2019-20 kharif pre-harvesting price forecast of maize. Under normal rainfall and low crop coverage, it is expected that the maize price per quintal will be around **Rs.1750-1950** at the time of harvesting (Oct to Nov 2019). This price forecast is based on the monthly modal price of maize obtained for 17 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.***