

## **KHARIF 2019-20 PRE-SOWING PRICE FORECAST OF MAIZE**

**Maize Price per Quintal will be around Rs. 1700-1850 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. 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 2018-19, area under maize was 79.14 lakh hectares as compared to 79.02 lakh hectares during kharif 2017-18. Major maize growing states in India are Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Bihar, Uttar Pradesh, Telangana, Gujarat and Tamil Nadu. According to the 2<sup>nd</sup> Advance Estimates of Production of Food grains for 2018-19, maize production estimate was 27.80 million tonnes as compared to last year production of 27.14 million tonnes. In Telangana, during kharif 2018-19 area under maize was 4.62 lakh hectares as against 4.51 lakh hectares during kharif 2017-18. 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 ending stock is 1.42 MMT in 2018-19 as compared to 2.50 MMT in 2017-18. This lower ending stock is due to fall in production because of 10-20% crop damage by fall army worm and increase in domestic consumption that supported Indian maize prices.

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-sowing price forecast of maize. Under expected normal rainfall and crop coverage, it is estimated that the maize price per quintal will be around **Rs.1700-1850** 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.***