

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

**Maize Price per Quintal will be around Rs. 1800-2000 at the Time of Harvesting  
(January to March 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 Rabi 2018-19, area under maize was 15.56 lakh hectares as compared to 17.28 lakh hectares during Rabi 2017-18. Major maize growing states in India are Bihar, Tamil Nadu, Andhra Pradesh, Maharashtra, West Bengal, Telangana, Gujarat and Karnataka. 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 rabi 2018-19 area under maize was 1.12 lakh hectares as against 1.15 lakh hectares during rabi 2017-18. Major maize growing districts in Telangana include Warangal, Khammam, Nirmal, Kamareddy, Nizamabad, Karimnagar and Jagtial contributing nearly 80 % of total maize production.

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 of 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 rabi pre-sowing price forecast of maize. Under expected normal crop coverage, it is expected that the maize price per quintal will be around **Rs.1800-2000** at the time of harvesting (Jan to Mar 2020). 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.***