

## **RABI 2017-18 PRE-HARVEST PRICE FORECAST OF MAIZE**

### **Maize Price Per Quintal will be around Rs. 1350-1500 at the Time of Harvesting (Jan to March 2018)**

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 contributes 36% in the global grain production. United States, China, Brazil, Argentina, Ukraine, India and Mexico are the major maize growing countries in the world.

In India, maize is the third most important food crops after rice and wheat. India's share in the world's area is only 5.08% with 3<sup>rd</sup> place next to USA and China. In India area under maize during rabi 2017-18 was 11.32 lakh hectares compared to 11.01 lakh hectares in 2016-17. The major maize growing states that contribute more than 80% of the total maize production are Karnataka (16.5%), Madhya Pradesh (5.7%), Maharashtra (9.1%), Rajasthan (9.9%), Bihar (8.9%), Uttar Pradesh (6.1%), Telangana (4.4%), Gujarat (4.39%) and Tamilnadu (4.03%). Telangana ranks 7<sup>th</sup> in area (692000 ha) has recorded highest production (1751000 t) and productivity (30 q/ha) in the country during 2015-16.

In Telangana, Nirmal, Kamareddy, Warangal (Rural), Warangal (Urban), Medak, Khammam, and Jagtial are the major maize growing districts constituting nearly 85% of total maize production. The area under maize during 2017-18 rabi has decreased to 0.40 lakh hectares from 0.65 lakh hectares.

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, Professor Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad with the financial support of Agricultural Marketing Department, Telangana State has assessed pre-harvest price forecast of maize for Rabi 2017-18 based on the 16 years monthly modal prices of Badepalli regulated market using econometric models like ARIMA, SARIMA, ARCH, GARCH and ANN, and also the market survey. Under expected normal productivity and increase in MSP Rs. 1425 it is predicted that the price of maize would be around **Rs. 1350-1500** at the time of harvesting. (Jan to Mar 2018). Badepalli, Mahabubnagar, Nagarkurnool and Warangal are found to be the four major markets for maize in the state.

*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.*