

## YASANGI (RABI) 2022-23 PRE-HARVEST PRICE FORECAST OF SUNFLOWER

### **Sunflower Price per quintal will be around Rs. 6200 – 6500 at the Time of Harvesting (January to March 2023)**

Leading producers of sunflower are Russia (13.31 million tonnes), Ukraine (13.11 million tonnes), Argentina (3.23 million tonnes), China (2.37 million tonnes) and Romania (2.19 million tonnes). World sunflower production estimate in 2022-23 has decreased to 50.70 million tonnes from 57.32 million tonnes in 2021-22. Imports have increased to 5.33 million tonnes from 3.78 million tonnes. Exports have increased to 5.35 million tonnes from 3.92 million tonnes. In addition, consumption increased to 47.79 million tonnes from 47.24 million tonnes. Carryout stock decreased to 6.05 million tonnes from 8.00 million tonnes for the year 2022-23.

In India during yasangi (rabi) 2022-23 sunflower crop has occupied 0.587 lakh hectares (1.451 lakh acres) as against 0.885 lakh ha (2.187 lakh acres) during the same period in 2021-22. Karnataka 0.430 lakh ha (1.063 lakh acres), Tamil Nadu 0.036 lakh ha (0.089 lakh acres), Telangana 0.030 lakh ha (0.074 lakh acres), Andhra Pradesh 0.028 lakh ha (0.069 lakh acres) and Odisha 0.025 lakh ha (0.062 lakh acres) were major sunflower growing states in India during yasangi (rabi) 2022-23. According to Government 1<sup>st</sup> advance estimates, all India sunflower production in 2022-23 is at 1.40 lakh tonnes.

Sunflower oil shipments to India from Russia, Ukraine return to normal. As a consequence of the war, landed price of imported sunflower oil in Mumbai markets, which before the war was quoting around \$1400-\$1500 per tonne, climbed to almost \$2,150 per tonne in March, April and May, an increase of over 40 per cent in a span of few weeks. Presently, the landed price of sunflower oil in Mumbai markets in October 2022, is around \$1,411 tonne, which is almost the same price which prevailed in October 2021.

In Telangana state, area covered under sunflower during yasangi (rabi) 2022-23 was about 3,093 ha (7,646 acres) as against 2,996 ha (7,396 acres) during the same period in 2021-22. The major districts growing this crop in Telangana are Nizamabad 1,880 ha (4,645 acres), Siddipet 567 ha (1,400 acres), Kamareddy 460 ha (1,136 acres), Medak 53 ha (131 acres) and Mahabubabad 50 ha (123 acres). According to Telangana State Government final estimates, sunflower production in 2021-22 is at 0.24 lakh tonnes from 0.18 lakh ha (0.44 lakh acres) with productivity of 1360 Kg/ha (550 Kg/acre).

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 sunflower for yasangi (rabi) 2022-23. Under normal weather and crop conditions during yasangi, it is predicted that the Sunflower price per quintal will be around **Rs. 6200 – 6500** at the time of harvesting (**January to March 2023**). This price forecast is based on the monthly modal price of Sunflower obtained for 14 years from Siddipet regulated market using econometric models like ARIMA, ARIMAX, SARIMA, ARCH, GARCH and ANN 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.*