

SUMMER 2023-24 PRE-FLOWERING PRICE FORECAST OF MANGO

Mango Price per Quintal will be around Rs. 3580 – 4250 at the Time of Harvesting (March to May 2024)

Mango (*Mangifera indica*) is the most ancient among the tropical fruits and believed to have originated in the Indo – Burma region. Mango is the leading fruit crop of India and considered to be the king of fruits. Besides delicious taste, it has excellent flavor and attractive fragrance; it is rich in vitamin A&C. The tree is hardy in nature and requires comparatively low maintenance costs.

India is the major mango producing country in the world with an annual production of 20.9 million tonnes from an area of 2.3 million hectares. Mango is basically a tropical plant but endures wide range of temperature. It grows well under tropical and sub-tropical conditions. It gives profitable yield in semi-arid conditions, especially with irrigation.

In India during 2022-23, Mango acreage was decreased by 0.76% to 23.32 lakh hectares (57.62 lakh acres) with 209.27 lakh tonnes production (2nd advance estimates) as compared to 207.72 lakh tonnes production from 23.50 lakh hectares (58.06 lakh acres) during the last year. Higher acreage was covered in Andhra Pradesh 3.98 lakh ha (9.85 lakh acres), Uttar Pradesh 2.79 lakh ha (6.90 lakh acres), Odisha 2.19 lakh ha (5.41 lakh acres), Gujarat 1.66 lakh ha (4.11 lakh acres), Maharashtra 1.64 lakh ha (4.06 lakh acres), Bihar 1.62 lakh ha (4.01 lakh acres), Karnataka 1.48 lakh ha (3.67 lakh acres) and Telangana 1.31 lakh ha (3.24 lakh acres).

In Telangana during the 2022-23 area covered under mango was 1.31 lakh ha (3.24 lakh acres). Major Mango growing districts in Telangana are Nagarkurnool 13.86 thousand ha (34.26 thousand acres), Jagityal 13.78 thousand ha (34.05 thousand acres), Khammam 13.71 thousand ha (33.9 thousand acres), Rangareddy 8.93 thousand ha (22.08 thousand acres), Mancherial 7.32 thousand ha (18.10 thousand acres), Mahabubabad 6.65 thousand ha (16.44 thousand acres), Siddipet 6.03 thousand ha (14.90 thousand acres) and Sangareddy 5.93 thousand ha (14.67 thousand acres).

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 2023-24 Summer pre-flowering price forecast of Mango. Under prevailing weather and crop conditions, it is predicted that the Mango price per quintal will be around **Rs. 3580 –4250** at the time of harvesting (March to May 2024). These price forecasts are based on the fortnight modal prices obtained for 6 years from Gaddiannaram regulated market for Mango 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.