

**VANAKALAM (KHARIF) 2022-23 PRE HARVEST PRICE FORECAST OF GREENGRAM**  
**Greengram Price per Quintal will be around Rs. 6300-6500 at the Time of Harvesting**  
**(September to October 2022)**

Greengram is an important pulse crop in India and believed to be originated from India. It is short duration legume crop grown mostly as a fallow crop in rotation with rice. Similar to the leguminous pulses, greengram enriches soil nitrogen content. It is grown mostly in Asian region traditionally, while its cultivation has spread to Africa and America relatively in the recent times. India contributes more than 70% of world's greengram production.

In India during 2022-23, about 32.40 lakh ha (80.07 lakh acres) area was covered under greengram as against 33.96 lakh ha (83.92 lakh acres) during the same period in 2021-22. The states of Rajasthan 20.54 lakh ha (50.75 lakh acres), Karnataka 4.03 lakh ha (9.96 lakh acres), Maharashtra 2.77 lakh ha (6.85 lakh acres), Madhya Pradesh 1.84 lakh ha (4.55 lakh acres), Odisha 1.12 lakh ha (2. lakh acres), Gujarat 0.76 lakh ha (1.88 lakh acres), Uttar Pradesh 0.41 lakh ha (1.00 lakh acres) and Telangana 0.25 lakh ha (0.61 lakh acres) are the major producers of greengram in India. According to Government 4<sup>th</sup> advance estimates, greengram production in 2021-22 is at 3.15 million tonnes. Government of India has increased MSP of Greengram by Rs. 480 per quintal for 2022-23 kharif marketing season i.e., Rs. 7755/Qtl as compared to previous year MSP of Rs. 7275/Qtl.

In 2021-22, greengram production has increased to 31.50 from 30.90 lakh tonnes. With 1.95 lakh tonnes import the total greengram supply has increased to 44.33 from 33.91 lakh tonnes including carryout stock 10.88 lakh tonnes. Exports have decreased to 0.25 from 0.53 lakh tonnes. Consumption increased to 23.75 from 23.03 lakh tonnes. Carryout stock has increased to 20.58 from 10.88 lakh tonnes for the year 2022-23.

As supply side is good, procurement drive in Punjab and Madhya Pradesh is not helping market much. It is still ruling down by Rs. 400-600 from MSP. Import is almost negligible. Market continues to reel under pressure on ample availability of old stock, bumper production in summer season (8.5 lakh MT) and the need-based buying by mills. Private traders are not buying in bulk quantity as they are well aware of the hefty government stocks. Greengram production in Kharif season is expected to be in the range of 15 to 16 LMT as per the preliminary estimates. However, weather conditions in Rajasthan during August and September would be crucial for the Kharif crop size. Prices were decreased by 1 to 4%, on an average, in local markets. The higher area coverage in the ongoing kharif season may continue to put a cap on price rise. The overall supply side is comfortable.

The major greengram growing districts in Telangana are Sangareddy 7404 ha (18296 acres), Vikarabad 4079 ha (10080 acres), Mahbubabad 3330 ha (8228 acres), Khammam 2667 ha (6590 acres), Kamareddy 2656 ha (6563 acres) and Medak 643 ha (1590 acres). According to Telangana State Government 4<sup>th</sup> advance estimates, castor production in 2021-22 is at 0.34 lakh tonnes from 0.20 lakh ha (0.51 lakh acres) with productivity of 1648 Kg/ha (667 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, Rajendranagar, Hyderabad at Professor Jayashankar Telangana State Agricultural University with the financial support of Agricultural Marketing Department, Telangana State has assessed 2022-23 vanakalam (kharif) pre-harvest price forecast of greengram. Under good rainfall and crop condition greengram price per quintal will be around **Rs. 6300-6500** at the time of harvesting (Sept to Oct 2022). This price forecast is

based on the monthly modal price of greengram obtained for 20 years from Suryapet regulated market using econometric models like ARIMA, SARIMA, ARCH, GARCH, ARIMAX 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.***