

VANAKALAM (KHARIF) 2022-23 PRE SOWING PRICE FORECAST OF GREENGRAM

Greengram Price per Quintal will be around Rs. 6100-6400 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 2021-22, about 35.25 lakh ha (87.11 lakh acres) area was covered under greengram as against 35.38 lakh ha (87.44 lakh acres) during the same period in 2020-21. The states of Rajasthan 21.47 lakh ha (53.06 lakh acres), Karnataka 4.17 lakh ha (10.29 lakh acres), Maharashtra 3.78 lakh ha (9.34 lakh acres), Madhya Pradesh 1.64 lakh ha (4.05 lakh acres) and Telangana 0.48 lakh ha (1.19 lakh acres) are the major producers of greengram in India. According to Government 3rd advance estimates, greengram production in 2021-22 is at 2.85 million tonnes.

In 2021-22, greengram production has decreased to 28.50 from 30.90 lakh tonnes. With 1.95 lakh tonnes import the total greengram supply has increased to 41.71 from 33.91 lakh tonnes including carryout stock 11.26 lakh tonnes. Exports have increased to 0.25 from 0.15 lakh tonnes. Consumption increased to 24.25 from 22.65 lakh tonnes. Carryout stock has increased to 17.46 from 11.26 lakh tonnes for the year 2022-23.

Greengram cash market stayed steady to slightly firm in various markets. Ample availability in the Central pool, the arrival from Rabi crop would continue to pressurize the market. The medium-term outlook would depend on Kharif area and rains frequency throughout the monsoon season. The short-term outlook seems steady to slightly weak. Import volume remains restricted due to ban. India imported 1.95 LMT Moong during last financial year against 0.81 MT in 2020-21. In April-2022 India imported around 4500 MT.

The major greengram growing districts in Telangana are Sangareddy 9,046 ha (22,353 acres), Khammam 7,212 ha (17,821 acres), Vikarabad 6,201 ha (15,322 acres), Kamareddy 4,320 ha (10,675 acres), Suryapet 1,792 ha (4,428 acres) and Mahbubabad 1,448 ha (3,579 acres). According to Telangana State Government 2nd advance estimates, greengram production in 2021-22 is at 0.30 lakh tonnes from 1.19 lakh acres with productivity of 252 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-sowing price forecast of greengram. Under expected normal rainfall and crop area coverage greengram price per quintal will be around **Rs. 6100-6400** 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.