

VANAKALAM (KHARIF) 2020-21 PRE SOWING PRICE FORECAST OF GREENGRAM

**Greengram Price per Quintal will be around Rs. 5950-6150 at the Time of Harvesting
(September to October 2020)**

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 2019-20, about 31.15 lakh ha (76.97 lakh acres) area was covered under greengram. The states of Rajasthan 18.30 lakh ha (45.22 lakh acres), Karnataka 2.69 lakh ha (6.65 lakh acres), Maharashtra 3.28 lakh ha (8.11 lakh acres), Madhya Pradesh 1.82 lakh ha (4.50 lakh acres), Odisha 1.63 lakh ha (4.03 lakh acres) and Telangana 0.66 lakh ha (1.64 lakh acres) are the major producers of greengram in India.

The major greengram growing districts in Telangana are Sangareddy 16,542 ha (40,875 acres), Mahbubabad 13,997 ha (34,586 acres), Suryapet 9,589 ha (23,694 acres), Khammam 6,119 ha (17,095 acres), Vikarabad 5,510 ha (13,615 acres) and Kamareddy 3,505 ha (8,660 acres). According to State Government 3rd advance estimates, greengram production in 2019-20 is at 0.53 lakh tonnes with productivity of 798 Kg/ha (323 Kg/acre). Annual consumption requirement of Telangana is estimated as 2.83 lakh metric tonnes of which 2019-20 production was 0.53 lakh tonnes which accounts for 18.72% of consumption requirement. Hence, there is more scope to extend area under greengram in Telangana.

In 2019-20, greengram production has decreased from 24.60 to 23.40 lakh tonnes. With 1.5 lakh tonnes import the total greengram supply has increased to 34.76 from 33.36 lakh tonnes including carryout stock 9.86 lakh tonnes. Exports have decreased to 0.75 from 1.0 lakh tonnes. Consumption increased from 23.50 to 23.75 lakh tonnes. Carryout stock has increased from 9.86 to 11.01 lakh tonnes for the year 2020-21.

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 2020-21 vanakalam (kharif) pre-sowing price forecast of greengram. Under expected normal rainfall and lower carryout stock it is expected that the greengram price per quintal will be around **Rs. 5950-6150** at the time of harvesting (Sept to Oct 2020). This price forecast is based on the monthly modal price of greengram obtained for 18 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.