

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

### **Redgram Price per Quintal will be around Rs. 5200 – 5400 at the Time of Harvesting (January to February 2021)**

Redgram is commonly known as Tur or Arhar in India and is the second important pulse crop in the country after gram (chana). The ability of redgram to produce high economic yields under soil moisture deficit makes it an important crop in rainfed and dry land agriculture. World major redgram producing countries are India (37.50 lakh tonnes), Myanmar (6.76 lakh tonnes), Malawi (4.34 lakh tonnes), Tanzania (3.15 lakh tonnes) and Haiti (0.87 lakh tonnes).

Area under redgram reported during 2019-20 was 45.82 lakh ha (113.22 lakh acres) as against 45.72 lakh ha (113.02 lakh acres) during the same period in 2018-19. In India, major redgram producing states are Maharashtra 12.07 lakh ha (29.83 lakh acres), Karnataka 11.93 lakh ha (29.48 lakh acres), Madhya Pradesh 5.06 lakh ha (12.50 lakh acres), Uttar Pradesh 3.51 lakh ha (8.67 lakh acres) and Telangana 2.92 lakh ha (7.30 lakh acres). According to Government 3<sup>rd</sup> advance estimates, all India redgram production in 2019-20 is at 37.5 lakh tonnes.

In 2019-20, redgram production has increased from 33.20 to 37.5 lakh tonnes. Imports decreased to 5 lakh tonnes from 5.3 lakh tonnes. Total redgram supply has increased to 49.16 lakh tonnes from 46.99 lakh tonnes including carryout stock 6.66 lakh tonnes. Exports have increased from 0.25 to 0.50 lakh tonnes. Also consumption increased from 40.33 to 42.25 lakh tonnes. This increase in production lead to increase in carryout stock to 6.91 lakh tonnes for the year 2020-21. India imported redgram from Mozambique (1.66 lakh tonnes), Myanmar (1.42 lakh tonnes), Tanzania (0.59 lakh tonnes) and Malawi (0.45 lakh tonnes) in year 2019 -20.

In Telangana major growing districts are Narayanpet 0.59 lakh ha (1.45 lakh acres), Vikarabad 0.54 lakh ha (1.34 lakh acres), Adilabad 0.22 lakh ha (0.54 lakh acres), Sangareddy 0.17 lakh ha (0.42 lakh acres), Mahabubnagar 0.15 lakh ha (0.38 lakh acres), Gadwal 0.15 lakh ha (0.37 lakh acres), and Asifabad 0.11 lakh ha (0.28 lakh acres). According to State Government 3<sup>rd</sup> advance estimates, redgram production in 2019-20 is at 2.67 lakh tonnes with a productivity of 902 Kg/ha (365 Kg/acre). Annual consumption requirement of Telangana is estimated as 5 lakh metric tonnes of which 2019-20 production was 2.67 lakh tonnes which accounts for 53% of consumption requirement. Hence, there is scope to extend area under Redgram in Telangana.

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 redgram. Under expected normal rainfall and crop area coverage, it is estimated that the redgram price per quintal will be around **Rs. 5200-5400** at the time of harvesting (Jan to Feb 2021). This price forecast is based on the monthly modal price of redgram obtained for 18 years from Tandur 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.***