

VANAKALAM (KHARIF) 2021-22 PRE-HARVEST PRICE FORECAST OF REDGRAM

Redgram Price per Quintal will be around Rs. 5800 – 6000 at the Time of Harvesting (January to February 2022)

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 rain fed and dry land agriculture. World major redgram producing countries are India (38.90 lakh tonnes), Malawi (4.34 lakh tonnes), Myanmar (3.47 lakh tonnes), Tanzania (0.90 lakh tonnes) and Haiti (0.44 lakh tonnes). India imported redgram from Myanmar (1.13 lakh tonnes), Tanzania (0.98 lakh tonnes), Mozambique (0.92 lakh tonnes), Sudan (0.48 lakh tonnes) and Malawi (0.21 lakh tonnes) in year 2021 -22 (April – October).

In India, area under redgram reported during 2021-22 was 50.02 lakh ha (123.61 lakh acres) as against 48.18 lakh ha (119.05 lakh acres) during the same period in 2020-21. Major redgram producing states are Maharashtra 14.47 lakh ha (35.77 lakh acres), Karnataka 13.24 lakh ha (32.72 lakh acres), Madhya Pradesh 4.28 lakh ha (10.58 lakh acres), Telangana 3.09 lakh ha (7.65 lakh acres) and Uttar Pradesh 3.54 lakh ha (8.75 lakh acres). According to Government 1st advance estimates, all India redgram production in 2021-22 is at 4.43 million tonnes.

In Telangana major redgram growing districts are Vikarabad 71606 ha (176943 acres), Narayanpet 45072 ha (111374 acres), Sangareddy 36439 ha (90043 acres), Adilabad 24477 ha (60483 acres) Mahabubnagar 10917 ha (26976 acres), Yadadri 9258 ha (22877 acres) and Kamareddy 7611 lakh ha (18806 acres). According to State Government 4th advance estimates, redgram production in 2020-21 is at 3.33 lakh tonnes with a productivity of 776 Kg/ha (314 Kg/acre).

Standing Redgram crop on around 7.5 lakh ha was found affected in Karnataka and Andhra Pradesh due to excess rains. Harvesting has got delayed due to last month rainfall and cloudy weather. New arrivals of Tur in Karnataka and Maharashtra are expected to increase from the fourth week of December. The moisture level in the crop is high at 14 to 16% against the normal of 11 to 12%. Demand is stable and mills and stockiest are waiting for low moisture content. Redgram quotes in Myanmar observed steady at \$775 per MT. It may move down to \$725-750. Supply side is likely to increase. Pressure on price might continue on the Redgram market. The overall tone remains weak.

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 2021-22 vanakalam (kharif) pre-harvest price forecast of redgram. Under good rainfall and crop area coverage, it is estimated that the redgram price per quintal will be around **Rs. 5800 - 6000** at the time of harvesting (Jan to Feb 2022). This price forecast is based on the monthly modal price of redgram obtained for 19 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.