

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

Redgram Price per Quintal will be around Rs. 5400 – 5600 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). 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.

Area under redgram reported during 2020-21 was 48.24 lakh ha (119.20 lakh acres) as against 45.45 lakh ha (112.31 lakh acres) during the same period in 2019-20. In India, major redgram producing states are Karnataka 12.80 lakh ha (31.63 lakh acres), Maharashtra 12.46 lakh ha (30.79 lakh acres), Telangana 4.34 lakh ha (10.72 lakh acres), Madhya Pradesh 4.12 lakh ha (10.18 lakh acres) and Uttar Pradesh 3.53 lakh ha (8.72 lakh acres). According to Government 1st advance estimates, all India redgram production in 2020-21 is at 4.04 million tonnes.

Redgram price is under pressure as import flow continues from South African countries and Myanmar. Crop condition is good so far. Recent rains are said to be beneficial for the standing crop. There is good moisture level in the field and it may delay harvesting at least by 10 days. Market is expecting new crop arrival in the second fortnight of December. Import volume in November was around 60 to 70 thousand MT, while 50,000 MT is expected in December. As new crop is round the corner now, any spike in market is unlikely.

In Telangana major redgram growing districts are Vikarabad 0.74 lakh ha (1.84 lakh acres), Narayanpet 0.56 lakh ha (1.38 lakh acres), Sangareddy 0.44 lakh ha (1.08 lakh acres), Mahabubnagar 0.29 lakh ha (0.71 lakh acres), Rangareddy 0.28 lakh ha (0.69 lakh acres), Adilabad 0.25 lakh ha (0.61 lakh acres) and Yadadri 0.18 lakh ha (0.45 lakh acres). According to State Government 1st advance estimates, redgram production in 2020-21 is at 8.44 lakh tonnes with a productivity of 1976 Kg/ha (800 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 2020-21 vanakalam (kharif) pre-harvest price forecast of redgram. Under good rainfall and high crop area coverage, it is estimated that the redgram price per quintal will be around **Rs. 5400-5600** 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.