

YASANGI (RABI) 2022-23 PRE-HARVESTPRICE FORECAST OF BENGALGRAM

Bengalgram Price per quintal will be around Rs. 4500 – 4800 at the Time of Harvesting (January to February 2023)

India is the largest producer of bengalgram followed by Pakistan, Turkey and Iran. India produces around 12 to 14 million tonnes and contributes around 70 percent of the total world production. Bengalgram is the most largely produced pulse crop in India accounting for a share of 40% of the total pulse production.

In India about 97.90 lakh ha (241.91 lakh acres) area coverage was reported under bengalgram during rabi 2022-23 as against 94.97 lakh ha (234.68 lakh acres) during the same period in 2021-22. The states of Maharashtra 22.46 lakh ha (55.50 lakh acres), Rajasthan 21.20 lakh ha (52.40 lakh acres), Madhya Pradesh 19.96 lakh ha (49.32 lakh acres), Karnataka 11.49 lakh ha (28.39 lakh acres), Uttar Pradesh 6.17 lakh ha (15.24 lakh acres) and Andhra Pradesh 3.02 lakh ha (7.46 lakh acres) are the major producers of bengalgram in India. According to Government 4th advance estimates, all India bengalgram production in 2021-22 is at 13.75 million tonnes.

In 2021-22, bengalgram production has increased to 137.50 lakh tonnes from 119.10 lakh tonnes in 2020-21. With 2.50 lakh tonnes import the total bengalgram supply has increased to 181.40 lakh tonnes from 142.46 lakh tonnes including carryout stock 41.40 lakh tonnes. Exports and consumption have increased to 2.25 lakh tonnes from 1.06 lakh tonnes and 102.00 lakh tonnes from 100.00 lakh tonnes respectively. Accordingly, the carryout stock also increased to 77.15 lakh tonnes from 41.40 lakh tonnes for the year 2022-23.

Bengalgram prices are likely to trade steady to slightly firm in coming weeks and prices may increase by INR 100-200 per quintal due to increasing buying interest. Now, market trend largely depends on NAFED's selling prices.

In Telangana state, area covered under bengalgram during yasangi (rabi) 2022-23 was about 1.21 lakh ha (2.99 lakh acres) as against 1.11 lakh ha (2.75 lakh acres) during the same period in 2021-22. The major districts cultivating this crop in Telangana are Kama Reddy 34,277 ha (84,699 acres), Adilabad 32,726 ha (80,868 acres), Nirmal 24,514 ha (60,576 acres), Nizamabad 9,611 ha (23,750 acres), Gadwal 4,122 ha (10,185 acres) and Sangareddy 4,039 ha (9,980 acres). According to Telangana State Government final estimates, bengalgram production in 2021-22 is at 2.24 lakh tonnes from 1.59 lakh ha (3.92 lakh acres) with productivity of 1409 Kg/ha (570 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, Professor Jayashankar Telangana State Agricultural University Rajendranagar, Hyderabad with the financial support of Agricultural Marketing Department, Telangana State has assessed pre-harvest price forecast of bengalgram for yasangi (rabi) 2022-23. Under normal weather and crop acreage, it is predicted that the bengalgram price per quintal will be around **Rs. 4500 – 4800** at the time of harvesting (**January to February 2023**). This price forecast is based on the monthly modal price of bengalgram obtained for 20 years from Narayanpet regulated market using econometric models like ARIMA, SARIMA, ARIMAX, ARCH and GARCH 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.