

KHARIF 2017-18 PRE-SOWING PRICE FORECAST OF SUNFLOWER

Sunflower Price per Quintal will be around Rs. 3100 - 3400 at the Time of Harvesting (October to November 2017)

Sunflower is grown over an area of more than 25 million ha in more than 70 countries with a World average yield of 1611 kg/ha. Russian Federation, Ukraine, Argentina, Romania, China, Kazakistan, Spain, Tanzania, Bulgaria, France, India, Turkey, South Africa, USA and Myanmar are the major sunflower growing countries. China, France, Turkey are the highest yielding countries with an average yield of 2 tonnes per hectare as against the lowest yielding countries like Kazakistan, Myanmar and India.

Commercial cultivation of sunflower was started in India as an oilseed crop during 1970s. India's share in global production of sunflower oil in 2016-17 may be around 1.0 percent. India is the major importer of sunflower oil around the world and imported 1.512 million tonnes sunflower oil during the year 2016. In India edible oil imports are rising by about 7-8 lakh tonnes a year on rising domestic demand. The per capita consumption is increasing by 3-4 per cent every year. The average yield of sunflower seeds in India is about 650 – 750 kg/ha, which is approximately half of the world's average. This may be attributed to lower percentage of area under irrigation, poor quality seeds, vulnerability to drought and output loss due to pests and diseases. Sunflower oil being healthier one, it commands premium over other edible oils especially palmoil. India imports sunflower edible oil from Ukraine, Russia and Argentina.

Karnataka, Maharashtra, Bihar, Orissa, Tamil Nadu, Andhra Pradesh and Telangana are major sunflower producing states in India. In Telangana Gadwal, Siddipet, Mahaboobnagar, Medak and Nizamabad are the major sunflower growing districts. Area under sunflower in Telangana has fallen in recent years. Around 12000 hectares was under sunflower crop with 13000 tonnes production and 1154 kg/ha productivity in the year 2016.

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-sowing price of sunflower for kharif 2017-18. Under expected normal rainfall and crop area coverage, it is predicted that the sunflower price per quintal will be around **Rs. 3100 – 3400** at the time of harvesting (October to November 2017). This price forecast is based on the monthly modal price of sunflower obtained for 9 years from Siddipet regulated market using econometric models like ARIMA, 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.