An economic analysis of sunflower arrivals and price behaviour in Latur district of Maharashtra

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ABSTRACT

Investigation was carried out during the year 2010-2011. Data were collected for the year 1991-1992 to 2010-2011 from Latur APMC. Growth rate and trend equation were used for analysis of data. The results revealed that maximum arrival index was in the month of January 297.05 per cent and minimum arrival index in the month of September 16.02 per cent. Price index was maximum in the month of July (104.51%) while price index was minimum in the month of October (93.58%).

KEY WORDS : Sunflower, Prices, Arrivals, Price index, Arrival index

Agriculture is characterized by wide variation in output of sunflower which subsequently leads to larger variation in market arrivals fluctuations lead to the price instability of sunflower crop. The wide fluctuations affect the farmer's capacity of making sustained efforts for increasing production. This fluctuation in prices of agricultural commodity is greatest obstacle in the way of agricultural development. Agricultural arrivals and prices, therefore exercise a dominant influence on agricultural economy of our country.

The price of sunflower assumes great significance for producers as well as consumers point of view. It is said that prices are mirror of economy of the country. The purpose of the present study was to examine the behaviour and pattern of fluctuations in prices and arrivals of sunflower for the study in agriculture produce market committee's in Latur district.

Objectives:

The present study was undertaken with the following objectives are to study the market arrivals of sunflower, to study the seasonal variation and trends in arrivals and prices of sunflower crop.

METHODOLOGY

The present study has taken into consideration the arrivals and prices of sunflower from APMC of Latur district for the period of 1991-1992 to 2010-2011and the trend cyclic and irregular fluctuation were calculated by the ratio to moving average method. Data were analyzed to achieve the objectives of the study. After compilation of data, functional analysis such as seasonal indices, S.D., C.V. (%), correlation and regression were computed for precision in conclusion. The computation procedure of these analytical tools is given in the following section.

The fluctuation in time series data may be represented as a composition of four additive components.

Then for additive model

$$O = T+S+C+I$$

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