"INVENTORY MANAGEMENT AND DISPOSAL PATTERN OF AKSHAY SEEDS"

ABSTRACT

Keywords: Inventory management, socio-economic, cropping pattern, sales trend, disposal pattern, reorder cycle time, optimal number of order

The present study was undertaken in Akshay Seeds, Junagadh to analyse inventory cost, sales trend and disposal pattern of Akshay Seeds. 100 coriander growing farmers were selected from four talukas (Vanthali, Manavadar, Mendarda and Mangrol) from Junagadh district to study socio-economic profile and change in cropping pattern over five years (2009-2014). For analyzing inventory cost, sales trend and disposal pattern of seeds, economic order quantity model without shortage, Mann-kendall test (for two year data from year 2015-17) and tabular representation was used respectively. Majority of the farmers were having medium land holding size thus their earning laid between one to two lakh in Junagadh district. Bajra, cotton, groundnut, sesame, chilli, sugarcane, onion and garlic was the crops which covered most of the area in Junagadh district. Economic order quantity was highest for groundnut followed by coriander, cumin, green gram, wheat and sesame. The relation between revenue of two year data was non-significant because of high fluctuation in data. Ninety per cent sales was in January, February, May, June, July, August and December. The pioneer distribution point for disposal of seeds were limited to south Gujarat, Rajasthan and Maharashtra.