

A case study :

Status of some agro processing industries in Ahmednagar, India

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ABSTRACT

The status of some agro processing industries in Ahmednagar district was studied for the year 2001-2002. The data was collected through questionnaire with respect to specifications, annual use, product recovery and capacity. The information on milk chilling plant, oil milling plant, flour miller, dhal mill and total production of fruits, vegetables, pulses and oil seeds were collected. For big capacity chilling plant fixed cost was found Rs.247.50 lakh and for small capacity plant was found Rs.125 lakh. The investment on capital was 73.07 percent incase of co-operative plant and 75.67 percent incase of private plant for 1 t/day capacity oil mill plant the total cost was 12.88 lakh and Rs.2.51 lakh for 0.2 t/day capacity oil mill plant. The break even was found less than the actual use in case of flour mills surveyed.

Key words : Agro processing industries, Status

INTRODUCTION

India is predominantly an agricultural country and the production of food grains must increase from the existing 180 million tones to over 280 million tonnes by the end of the country to feed the estimated human population of 900 million people. The increased production inturn posses serious problem of handling, storage, processing and distribution of food grains. Further the post harvest losses to be minimized.

In Maharashtra major agro-industries should be based on the corps produced such as wheat, rice, cotton, maize, oil seed, sugarcane, pulses, fruits and vegetables. Some industries based on products obtained from livestock such as milk etc. (Milk chilling, plant). There is infrastructure of post harvest technologies available and used in various regions of state Maharashtra and with identification and economics of the agro processing industries in Ahmednagar district of Maharashtra.

MATERIALS AND METHODS

The status of existing agro based complexes in Ahmednagar district was studied based on data collected in a suitable performa indicating information on size, specification, cost, capacity, percent by product recovery, annual use of processing equipment and processing charges.

Five milk chilling plants, three oil mills, fourteen flourmills, and one dhal mill were surveyed. The informations as name of mill, make model, capacity, HP

requirement, cost of plant, cost of raw material, electricity charges were collected.

Data Analysis :

The data obtained was analyzed for calculating fixed cost, operating cost and total cost.

Total fixed cost (Rs.)	=	Cost of machinery and equipment + Cost of Land and Building + Electricity charges + Miscellaneous charges.
Total operational Cost (Rs/year)	=	Salary and wages (Rs year) + Repair and Maintenance (Rs/year) + Miscellaneous expenses (Rs/year)
Total Cost	=	Total Fixed cost (Rs) + Total operational cost (Rs/year).

Calculation for break even use and actual use :

The break-even use and actual use of mills was calculated from the profit obtained. The per month profit was calculated from which profit obtained per day was calculated. Then from rate of milling (Rs/Kg.) and capacity of the mill (kg./day) the hours of operation in which the profit was obtained were calculated. This number of hours was subtracted from actual hours of operation per day. This was nothing but break even use.

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