

# CHAPTER - VI

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## THE UGAR SUGAR WORKS : FUTURE PLANS

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## 1 INTRODUCTION :

Any organization - big or small, public or private - is subject to growth and development. Change towards better and progress and prosperity is its fundamental principle. An organization strives hard to progress through increased efficiency, modernization and adoption of the available latest technical 'know how' in the field. Allied concerns are undertaken to utilize the waste products to convert them into useful consumer commodities thereby reaping maximum benefit with minimum investment and cost of production. It is also imperative for an ambitious industrial concern to have a foresight and welldefined future aims and plans. An organization, thus, visualises growth and progress by adopting plans for consistent progress. The present chapter deals with the future plans of Ugar Sugar works. Hence an organization is always dynamic and not static. It is like a growing organism.

The Ugar Sugar Works, ever since its inception, has been growing consistently. Over a period of five decades, the factory has passed through many stages of development and expansion. To assist the cane-growers to grow more and more sugarcane, the factory has initiated many irrigation projects thereby ensuring increased supply of sugarcane to the factory. A distillery has been started to produce quality liquors utilizing mollasses which would otherwise becomes waste. It has, through a phased programme of

expansion, increased the sugarcane crushing capacity of 500 T.C.D. in 1941 to 5000 T.C.D. by 1988. This is a clear indication of the factory management for growth and progress with ambitious future plans.

Apart from the tremendous development and progress until now the ever efficient and active management has the following future plans.

2 MAXIMIZING SUGAR OUT PUT :

The Management is seriously concerned about maximizing sugar out put per unit of time per unit of area produced at the minimum investment.

3 PEST MANAGEMENT :

To ensure maximum yield from per acre, the factory is adopting 'Pest Management' policy to prevent diseases, weeds and thereby ensure healthy growth of sugarcane. Cane seeds are being tested before plantation.

4 SUPPLY OF CANE SEEDS :

The factory has the programme of disease free seed supply to the tune of 8000 tons a year to the cane growers. For this, the factory has three house nursery programme.

5 PREVENTION OF SOIL SALINITY :

Increased and consistent watering of the soil - especially black soil - has given rise to the problem of

soil salinity. Salt content of well and bore water has spoiled the fertility of the cultivable lands and rendered such lands unfit for cultivation. The Management has the programme of preventing soil salinity by using Reclamative Soil Science.

6 NEW VARIETY :

The Management also proposes to introduce new and promising varieties of cane-seeds, methods and techniques of cultivation etc.

7 PROVISION OF COOKING GAS

The factory has a novel project for trapping 'methane gas' from distillery effluent. The factory is perfecting the above technique as an alternate source of energy in these days of scarcity of conventional sources of energy. Moreover this programme helps to avoid atmospheric pollution.

8 FISH CULTURE :

The Management has plan to start fish culture in cured effluent ponds.

9 LABORATORY FACILITY :

The Management has plan to set up a fullfledged laboratory to analyse soils, water and plant tissues.

10 BARLEY MALT :

The Management intends to undertake production of high quality 'Barley Malt' from 2 row and 6 row barley

varities.

11 PARTICLE BOARD MANUFACTURING :

The Management is going to start, shortly, a new allied unit named "Ugar Kenply Industries Ltd." to manufacture plain and laminated particle Boards from 3 mm to 30 mm thickness with bagasse as raw material. The capacity of this unit will be 65 Cu.M.per day with core machinery and technology supplied by M/S CARL SCHENK A.G., Darmstadt, West Germany. The project is likely to be commissioned by the middle of 1989. The particle Boards can be used for the manufacture of furniture and also for interior construction like partitioning, ceiling, filling of doors, office compartments etc. In the process attempt is being made to replace wood which is becoming scarce and costly day by day.

A careful analysis of the aforesaid future plans of the factory management reveals that Management intends to ensure increased yield of sugarcane by using promising and disease free varities of cane-seeds. In these days of dwindling water resources the management proposes to grow short duration variety of cane and with the increased crushing capacity from 3000 T.C.D. to 5000 T.C.D., the factory is able to process the available cane in the peak period itself to ensure maximum recovery by avoiding low recovery of sugar at the end of the season. Bagasse is being used to manufacture 'Particle Boards' replacing costly wood.

Methane Gas is being used as an alternate source of energy as also avoiding air pollution. In short the broad objective behind these various future plans and programmes is to enrich quality of life of the masses in this region by encouraging cultivators, creating more employment opportunities and providing necessary amenities which the rural folk require badly.

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