

DATE SYRUP/ CONCENTRATE

INTRODUCTION

A date fruit is the product of a date palm, a tree native to Northern Africa and the Middle East, although it is also cultivated in other parts of the world. In addition to being eaten fresh, the date fruit is dried and eaten whole as a snack. Dried dates are usually readily available in most markets, and fresh dates can be found in specialty markets in season. The dates can be used as a sweetening agent in desserts, beverages and various other food preparations.

RAW MATERIAL

Mature/ripe date fruits

MARKET

The market for fruit products is well developed with lot of manufacturers selling their brands for different products. These fruit products are rich source of naturally available vitamins and minerals and have therapeutic value. Some of these products can also be exported for their exotic flavor.

PLANTS AND MACHINERY

Principal equipments:

Fruit Pulper, Fruit washer, forced circulation evaporator, centrifuge, bottling filling machine, bottle washing machine capping machine, SS Steam jacketed kettles, etc

Auxiliary equipments:

Steam generator, weighing scales, working tables, vessels, etc.

PROJECT COST – FIXED COST – WORKING CAPITAL (in Rs. '000) ***(Estimate for a model project)***

a)	Land & Land development (1000 Sq.m ²)	400.00
b)	Building & civil construction (300 Sq.m ²)	1650.00
c)	Plant and machinery	2715.00
d)	Miscellaneous fixed assets	80.00
e)	Pre-operative expenses	340.00
	Total Fixed Capital	5185.00
	Working capital margin	680.00
	Total Project cost	5865.00

Means of Finance	
- Promoter's contribution	2400.00
- Term loan	3475.00

PRODUCTION CAPACITY - (estimate)

a. Installed capacity	: 250 kg/day/shift
b. No. of Working Days	: 300
c. Optimum capacity utilization	: 70%

Note: CFTRI does not guarantee the performance of the machine. Indenter may kindly confirm the performance, etc., from the fabricator of the machine, before a decision is taken to purchase the same.