



KVIC- PMEGP-Gramodyog Rojgar Yojana
Project Profile on Honey Based Beverages

Introduction :

Natural honey is abundantly available in various areas of India. This can be consumed fresh or stored by canning or bottling. It is used as an antiseptic and applied to wounds, burns and mouth ulcers and is used in ayurvedic medicines. CFTRI has developed technology for honey based beverages. Raw Materials required : Honey, Ginger, Sugar, Citric acid, Sunset Yellow FCF and Sodium benzoate.

Process of Manufacturing : A known quantity of honey is added to the hot Syrup, which is prepared by using Sugar, Citric acid and Water, and heated to the desired temperature. Preservative is added after cooling the Syrup. The beverage so prepared is transferred into a sedimentation tank and allowed to settle for a period of 24 hours. The clear liquid beverage taken out from the tank further filtered either through a supercell bed prepared on a Whatman filter paper using suction or using a sparkler dual disc filter. The clarified beverage is heated to a desired temperature, permitted food colour is added and then filled hot into sterilised bottles and crown corked.

1 **Name of the Product :** **Honey Based Beverages**

2 **Project Cost :**

a Capital Expenditure

Land	:		Rs.	Own
Workshop sq.mtrs	:		Rs.	
Equipment	:		Rs.	700,000.00

Steam jacketed kettles, Stainless Steel Tanks, Bottle washing machine, Bottle filling machine, Heavy duty crown corking machine, Buchner funnels / flasks, Vacuum pump, Weighing scale.

Total Capital Expenditure	Rs.		Rs.	700,000.00
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b Working Capital	Rs.		Rs.	235,000.00
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TOTAL PROJECT COST :	Rs.		Rs.	935,000.00
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3 **Estimated Annual Production Capacity:**

(Rs. in 000)

Sr.No.	Particulars	Capacity in tons	Rate	Total Value
1	Honey Based Beverages			1367.00
TOTAL		0.00	0.00	1367.00

4 Raw Material	:		Rs.	600,000.00
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5 Packing Material	:		Rs.	30,000.00
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6 Wages (3-Skilled & 3-Unskilled)	:		Rs.	420,000.00
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7 Salaries (MANAGER-1)	:		Rs.	84,000.00
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8	Administrative Expenses	:	Rs.	40,000.00
9	Overheads	:	Rs.	44,000.00
10	Miscellaneous Expenses	:	Rs.	20,000.00
11	Depreciation	:	Rs.	70,000.00
12	Insurance	:	Rs.	7,000.00
13	Interest (As per the PLR)			
	a. C. E. Loan	:	Rs.	91,000.00
	b. W. C. Loan	:	Rs.	30,550.00
	Total Interest		Rs.	121,550.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	242,000.00
	Variable Cost		Rs.	1,124,550.00
	Requirement of W.C. per Cycle		Rs.	227,758.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	242.00	145.20	169.40	193.60
2	Variable Cost	1125.00	675.00	787.50	900.00
3	Cost of Production	1367.00	820.20	956.90	981.10
4	Projected Sales	1700.00	1020.00	1190.00	1360.00
5	Gross Surplus	333.00	199.80	233.10	266.40
6	Expected Net Surplus	263.00	130.00	163.00	196.00

- Note :
1. All figures mentioned above are only indicative.
 2. If the investment on Building is replaced by Rental then
 - a. Total Cost of Project will be reduced.
 - b. Profitability will be increased.
 - c. Interest on C.E.will be reduced.