

Khadi and Village Industries Commission Mumbai
PROJECT PROFILE ON COCONUT OIL AND OIL CAKE MANUFACTURING

Introduction :

Coconut Oil is one of the edible oils used vastly in Southern region. This is one of the main base oil for manufacturing of Hair Oils. The Oil is having nutritional and medicinal value. Coconut is available in abundance in Southern Region, Goa, and Coastal areas.

PROCESS OF MANUFACTURE: Selection of dried and matured coconut/ copra, cleaning, crushing in ghani mixing with adequate water for sufficient time till the oil is extracted slowly. The oil is collected separately, filtered properly, weighed, filled in gl.

1 Name of the Product : COCONUT OIL AND COCONUT OIL CAKE

2 Project Cost :

a	Capital Expenditure				Own
	Land				
	Workshed in sq.ft	3000	Rs.	600,000.00	
	Equipment		Rs.	850,000.00	
	S.S./Aluminium top working table [3'x21/2'x6'] [2 Nos], Power ghani -10, 6 bolt Expeller -1, Semi automatic packing machine, filter press with accessories, weighing balance (Platform model and Table model) [1 each], Exhaust fans - 2 Nos., water tanks,				
	Total Capital Expenditure		Rs.	1,450,000.00	
b	Working Capital		Rs.	500,000.00	
	TOTAL PROJECT COST :		Rs.	1,950,000.00	

3 Estimated Annual Production Capacity: (Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	Oil (900 Qntls @ Rs. 5000/-Qntl) & Oil cake (1250 Qntls @ Rs. 1000/-Qntl.)	0.00	0.00	5439.00
TOTAL		0.00	0.00	5439.00

4	Raw Material	:	Rs.	4,500,000.00
5	Labels and Packing Material	:	Rs.	250,000.00
6	Wages (Skilled & Unskilled)	:	Rs.	235,000.00
7	Salaries	:	Rs.	90,000.00

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8	Administrative Expenses	:	Rs.	24,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	12,000.00
11	Depreciation	:	Rs.	115,000.00
12	Insurance	:	Rs.	14,500.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	188,500.00
	b. W.C.Loan	:	Rs.	65,000.00
	Total Interest		Rs.	253,500.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	329,000.00
	Variable Cost		Rs.	5,110,000.00
	Requirement of WC per Cycle		Rs.	906,500.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	329.00	197.40	230.30	263.20
2	Variable Cost	5110.00	3066.00	3577.00	4088.00
3	Cost of Production	5439.00	3263.40	3807.30	3840.20
4	Projected Sales	5750.00	3450.00	4025.00	4600.00
5	Gross Surplus	311.00	186.60	217.70	248.80
6	Expected Net Surplus	196.00	72.00	103.00	134.00

- 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.