

KVIC- REGP-Gramodyog Rojgar Yojana
Project Profile on Soya Sauce

Introduction

Soya bean is a leguminous crop and is rich in proteins. Many value-added products are made from it like milk, panner, cheese and sauce. Soya products are increasingly becoming popular especially amongst health-conscious people. Soya sauce is used as a taste enhancer as it has a typical bitter-sour and sweet taste as well as flavour. The preferred locations are Gujarat, MP, Maharashtra etc. But this note considers Maharashtra as the prospective location since market for the soya sauce is consistently increasing in the State. Amravati district of Maharashtra cultivates substantial quantities of Soya beans with around 30,000 hectare area under this crop. Therefore location of the proposed plant has to be selected carefully.

Process of Manufacture: The manufacturing process is simple. De-fatted soya flour is processed by using hydrolysis process. Flour and water along with other ingredients like salt, baking soda, vinegar, preservatives etc. are made homogenously to form a semi-liquid or paste-type mixture and it is passed through filter sieves to remove impurities. This mixture is then taken to SS neutralisation tanks and kept for about 2 hours before packing.

1	Name of the Product :	Soya Sauce		
2	Project Cost :			
	a	Capital Expenditure		
		Land	:	Own
		Workshet sq.mtrs	150 Rs.	180,000.00
		Equipment	:	Rs. 155,000.00
		SS tanks with filer sieves of 100 ltrs.capacity-2, SS Collection and neutralisation tanks of 50 ltrs.-capacity-4, Bottle Washing and Filling Machine-1, Weighing Scales-2.		
		Total Capital Expenditure	Rs.	335,000.00
	b	Working Capital	Rs.	330,000.00
		TOTAL PROJECT COST :	Rs.	665,000.00

3	Estimated Annual Production Capacity:	(Rs. in 000)		
Sr.No.	Particulars	Capacity in tons	Rate	Total Value
1	Soya Sauce	68.00		2014.90
TOTAL		68.00	0.00	2014.90

4	Raw Material	:	Rs.	1,465,000.00
5	Labels and Packing Material	:	Rs.	70,000.00
6	Wages (2-Skilled & 3- Unskilled)	:	Rs.	138,000.00
7	Salaries MANAGER		Rs.	30,000.00

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8	Administrative Expenses	:	Rs.	120,000.00
9	Overheads	:	Rs.	42,000.00
10	Miscellaneous Expenses	:	Rs.	60,000.00
11	Depreciation	:	Rs.	24,500.00
12	Insurance	:	Rs.	3,350.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	43,550.00
	b. W.C.Loan	:	Rs.	42,900.00
	Total Interest		Rs.	86,450.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	256,900.00
	Variable Cost		Rs.	1,757,900.00
	Requirement of WC per Cycle		Rs.	335,800.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	256.90	154.14	179.83	205.52
2	Variable Cost	1758.00	1054.80	1230.60	1406.40
3	Cost of Production	2014.90	1208.94	1410.43	1436.12
4	Projected Sales	2400.00	1440.00	1680.00	1920.00
5	Gross Surplus	385.10	231.06	269.57	308.08
6	Expected Net Surplus	361.00	207.00	245.00	284.00

- 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.