

## "KVIC- REGP-(Gramodyog Rojgar Yojana)"

### PROJECT PROFILE ON MAIZE FLAKES

#### Introduction :

Health awareness is increasing day-by-day and people are more watchful about their health. Health clubs are becoming popular along with health food. Maize has got many nutritional values. Maize flakes are a product which is being accepted by many as health food. Flakes can be deep fried and are used extensively while making "chevada"- a popular snack item in Maharashtra. Dry roasted maize flakes along with a small quantity of sugar are mixed in milk and it becomes a health food especially for growing children. The preferred location is Maharashtra.

**Process of Manufacture:** The process is very simple. Maize nuts are cleaned and graded to remove mud, stones etc. and then soaked in hot water. After drying, they are roasted and then taken to flaker polisher wherein flakes are formed. Flakes are then passed through sieves to remove bran and broken maize and are then suitably packed in polythene bags. During this process of manufacture, the net recovery of flakes is 80%. Of the balance 20%, process loss is 5% and remaining 15% is bran and broken flakes or maize which is sold to cattle feed manufactures.

#### 1 Name of the Product : MAIZE FLAKES

#### 2 Project Cost :

##### a Capital Expenditure

Land	:		Own
Workshed in sq.Mt	150	Rs.	150,000.00
Equipment	:	Rs.	385,000.00

Electricity- operated Roaster-1, Flaker Polisher-1, Coal-fired Furnace-1, Sieves-2 ,  
Sealing Machine, Weighing Scales etc. -

Total Capital Expenditure	Rs.	535,000.00
b Working Capital	Rs.	600,000.00
<b>TOTAL PROJECT COST :</b>	<b>Rs.</b>	<b>1,135,000.00</b>

#### 3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in tonnes.	Rate	Total Value
1	Maize flakes, bran and Broken flacks	238.00	50000.00	7800.00
TOTAL		238.00	50000.00	7800.00

4	Raw Material	:	Rs.	6,550,000.00
5	Labels and Packing Material	:	Rs.	60,000.00
6	Wages ( 4-Skilled & 4- Unskilled)	:	Rs.	276,000.00
7	Salaries Manager-1		Rs.	120,000.00

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8	Administrative Expenses	:	Rs.	40,000.00
9	Overheads	:	Rs.	100,000.00
10	Miscellaneous Expenses	:	Rs.	10,000.00
11	Depreciation	:	Rs.	46,000.00
12	Insurance	:	Rs.	5,350.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	69,550.00
	b. W.C.Loan	:	Rs.	78,000.00
	Total Interest		Rs.	147,550.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	244,900.00
	Variable Cost		Rs.	7,064,000.00
	Requirement of WC per Cycle		Rs.	609,075.00

**15 Cost Analysis**

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	244.90	146.94	171.43	195.92
2	Variable Cost	7064.00	4238.40	4944.80	5651.20
3	Cost of Production	7308.90	4385.34	5116.23	5140.72
4	Projected Sales	7800.00	4680.00	5460.00	6240.00
5	Gross Surplus	491.10	294.66	343.77	392.88
6	Expected Net Surplus	445.00	249.00	298.00	347.00

- 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.