

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

### POTATO/BANANA WAFERS

#### Introduction :

In India around 12 million tonnes of potato is grown which is about 4% of the total world production. However, the per capita consumption of potatoes is low. It is estimated that 25% of the potatoes, which are spoiled due to various reasons such as transportaiton type of packing, non -availability of cold storage capacities during harvesting season, glut in the market etc., could be saved by making various preserved potato products which has a great potenetial as this is considered as one of the traditional foods in India. Potato wafers are needed to be made in a scientific manner and under hygienic conditions.

**Process of Manufacture:** The potato selected for wafers should be large oval shape free from disease and fully matured. They should have the minimum number of eyes to cut down the losses by trimming. They are washed thoroughly in water and peeled manually with stainless steel knife or by means of an abrasive potato peeling machine. The peelings are washed away with sprays of water. They are then trimmed and placed in water to prevent browning . They are sliced 0.4 to 0.5 cm thick in a slicing machine. The slices are again placed in cold water whenever there is considerable delay in the subsequent operations of blanching.

#### 1 Name of the Product : POTATO/BANANA WAFERS

#### 2 Project Cost :

##### a Capital Expenditure

Land : Own

Workshed in sq.mt. 100 Rs. 413,000.00

Equipment : Rs. 150,000.00

Potato peeler-1, Power operated slicing machine-1, Hydro extractor to extract excess of moisture with motor-1, Deep fat fryer-1, Polythene bag sealing machine-1, Salting drum -1,

Total Capital Expenditure Rs. 563,000.00

b Working Capital Rs. 475,000.00

**TOTAL PROJECT COST : Rs. 1,038,000.00**

#### 3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in MT.	Rate/kg	Total Value
1	Potato /banana wafers			3200.00
TOTAL		0.00	0.00	3200.00

4 Raw Material : Rs. 2,160,000.00

5 Labels and Packing Material : Rs. 100,000.00

6 Wages ( 4-Skilled & 4-Unskilled) : Rs. 161,100.00

7 Salaries Manager-1 Rs. 108,000.00

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8	Administrative Expenses	:	Rs.	40,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	5,000.00
11	Depreciation	:	Rs.	35,650.00
12	Insurance	:	Rs.	5,630.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	73,190.00
	b. W.C.Loan	:	Rs.	61,750.00
	Total Interest		Rs.	134,940.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	231,820.00
	Variable Cost		Rs.	2,542,850.00
	Requirement of WC per Cycle		Rs.	462,445.00

**15 Cost Analysis**

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	231.82	139.09	162.27	185.46
2	Variable Cost	2543.00	1525.80	1780.10	2034.40
3	Cost of Production	2774.82	1664.89	1942.37	1965.56
4	Projected Sales	3200.00	1920.00	2240.00	2560.00
5	Gross Surplus	425.18	255.11	297.63	340.14
6	Expected Net Surplus	390.00	219.00	262.00	304.00

- 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.