

"KVIC- REGP-(Gramodyog Rojgar Yojana)"

Project Profile on Fruit Bars

Introduction

Fruits are generally liked by majority of the people from all age groups. But fruits are available only during specific season. There are many ways of preserving fruits and making fruit bars is one such method. Consumption of fruits is very important as they are nutritious and supply vitamins and minerals. Pulp fruits like banana, mango, guava, apple etc. are best suited for making fruit bars. Assam and nearby states of North-East region produce many fresh fruits round the year and thus availability of the all important new material shall not be a problem. This product can also be manufactured in some other states like Uttaranchal, HP, Punjab, UP, Maharashtra and so on.

Process of Manufacture: The process of manufacture is standardised and simple. Fresh and ripe fruits are thoroughly washed and then pulp is extracted from them. Pulp is then mixed with the required quantity of sugar to raise the brix to 25. This blend is then dehydrated in tray dryer and drying time is around 18-20 hours. On cooling, slabs are cut in pre-determined sizes and are packed in BOPP or other food grade printed film. These packs are packed in cardboard or duplex board boxes for onward distribution. The average yield is around 75%. CFTRI, Mysore has successfully commercialised the production process.

| | | |
|----------|---|-------------------------|
| 1 | Name of the Product : | Fruit Bars |
| 2 | Project Cost : | |
| | a Capital Expenditure | |
| | Land | : Own |
| | Workshet sq.mtrs | 100 Rs. 250,000.00 |
| | Equipment | : Rs. 432,000.00 |
| | Fruit washing tanks-2, Pulp Extractors-1, Steam jacketed kettles-2, Baby Boiler-100 kgs.-1, Fruit Mill-1, Tray drier with 48 trays-1, Weighing scale, SS Utensils, testing instruments etc. | |
| | Total Capital Expenditure | Rs. 682,000.00 |
| | b Working Capital | Rs. 600,000.00 |
| | TOTAL PROJECT COST : | Rs. 1,282,000.00 |

| 3 | Estimated Annual Production Capacity: | (Rs. in 000) | | |
|--------------|--|---------------------|-------------|----------------|
| Sr.No. | Particulars | Capacity in tonnes | Rate | Total Value |
| 1 | Fruit Bars | 60.00 | | 3736.48 |
| TOTAL | | 60.00 | 0.00 | 3736.48 |

| | | | | |
|----------|--|---|------------|---------------------|
| 4 | Raw Material | : | Rs. | 1,760,000.00 |
| 5 | Labels and Packing Material | : | Rs. | 200,000.00 |
| 6 | Wages (7-Skilled & 8-Unskilled) | : | Rs. | 1,008,000.00 |
| 7 | Salaries Manager-1 | | Rs. | 120,000.00 |

PAGE (2)

| | | | | |
|----|-----------------------------|---|-----|--------------|
| 8 | Administrative Expenses | : | Rs. | 150,000.00 |
| 9 | Overheads | : | Rs. | 200,000.00 |
| 10 | Miscellaneous Expenses | : | Rs. | 125,000.00 |
| 11 | Depreciation | : | Rs. | 55,700.00 |
| 12 | Insurance | : | Rs. | 6,820.00 |
| 13 | Interest (As per the PLR) | | | |
| | a. C.E.Loan | : | Rs. | 88,660.00 |
| | b. W.C.Loan | : | Rs. | 78,000.00 |
| | Total Interest | | Rs. | 166,660.00 |
| 14 | Working Capital Requirement | : | | |
| | Fixed Cost | | Rs. | 490,480.00 |
| | Variable Cost | | Rs. | 3,246,000.00 |
| | Requirement of WC per Cycle | | Rs. | 622,747.00 |

15 Cost Analysis

| Sr.No. | Particulars | Capacity Utilization(Rs in '000) | | | |
|--------|----------------------|----------------------------------|---------|---------|---------|
| | | 100% | 60% | 70% | 80% |
| 1 | Fixed Cost | 490.48 | 294.29 | 343.34 | 392.38 |
| 2 | Variable Cost | 3246.00 | 1947.60 | 2272.20 | 2596.80 |
| 3 | Cost of Production | 3736.48 | 2241.89 | 2615.54 | 2664.58 |
| 4 | Projected Sales | 4300.00 | 2580.00 | 3010.00 | 3440.00 |
| 5 | Gross Surplus | 563.52 | 338.11 | 394.46 | 450.82 |
| 6 | Expected Net Surplus | 508.00 | 282.00 | 339.00 | 395.00 |

- 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.