

IDLI



INTRODUCTION:

Convenience foods provide the housewives novelty, convenience, reducing the drudgery and satisfaction of preparing at home. Idli is some of the traditional food item commonly used in Indian homes. Idli provides hygienic products of standard and uniform quality with good shelf life. Ready mixes such as Idli and Dosa were earlier used in southern region but now they find applicability in the day to-day menu all over India. Since, these ready mixes have undergone processing to a considerable extent, only little processing such as mixing with water for making dough, shaping and frying is required at home. Nutritionally also these products are rich and wholesome.

OBJECTIVE:

The primary objective of the model report is to facilitate the entrepreneurs in understanding the importance of setting up unit of biscuit plant. This model report will serve as guidance to the entrepreneurs on starting up such a new project and basic technical knowledge for setting up such a facility.

RAW MATERIAL AVAILABILITY:

The basic raw materials for the manufacture of Idli are rice, whole gram dal, fenugreek etc. Rice and Gram Dal are easily available in across India.

SUITABLE LOCATION:

Idli can be manufactured at any location which is close to the market.

MARKET OPPORTUNITIES:

Due to increasing urbanization, more and more number of people taking up jobs, improving financial status of the middle income group, the market for ready mixes is increasing day-by-day.

CAPACITY OF THE PROJECT:

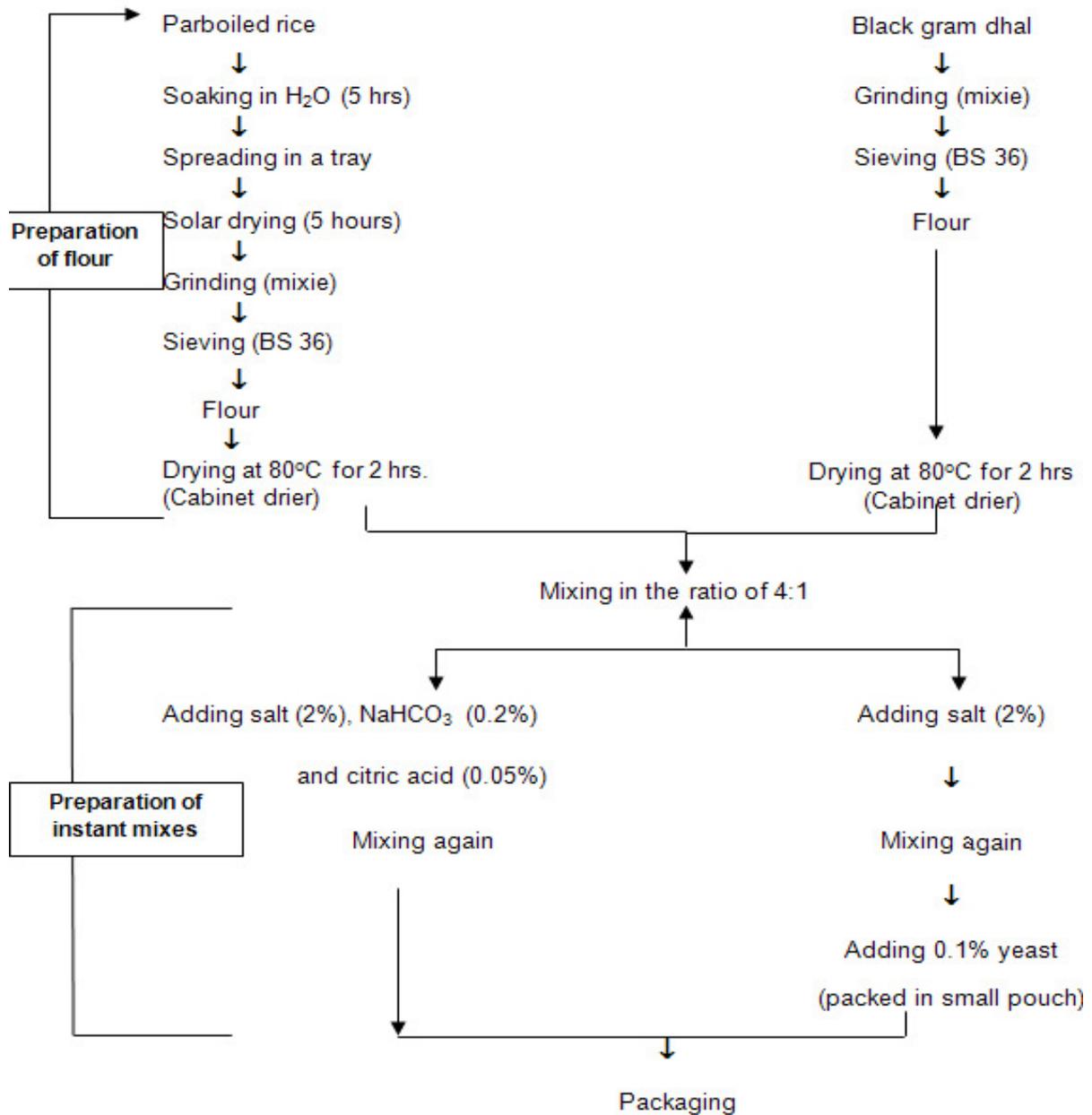
The capacity of the project is 60 Metric Ton of Idli per year.

PRODUCTION TARGETS (PER ANNUM):

- The scheme is worked out per shift (8 Hour) basis and 300 working days per annum.
- Assume, there'll be 70% production in first year.
- Qty.: 42 MT/Annum or 3.50 MT/Month.

MANUFACTURING PROCESS:

Rice Flour, Black gram flour are dried and mixed with other emulsifying agents in a blender and then packed.



FLOW Chart: Instant Idli

PROJECT COMPONENT AND COST:

Major components of the projects and their costs are described in the table hereunder:

Financial Aspects:-**APPLICATION OF FUNDS**

Particular	Amount
Land	200 sq. meter covered area on Rent
Building	
Plant & Machinery	555,500.00
Office Equipment & Furniture	50,000.00
Working Capital	561,224.45
Pre-Operative Expenses	25,000.00
Total	1,191,724.45

SOURCE OF FUND

Particular	Amount
Own Capital	512,986.11
Loan from Banks	454,125.00
Loan for Working Capital	224,613.34
Total	1,191,724.45

FIXED ASSETS

(1) Land And Building:		Value (Rs.)		
	Land and Built-up area etc.	200 sq. meter covered area on Rent		Rs. 96,000 per annum
(2) Plant & Machinery				
S. N.	Description (Name of machine with specification)	Qty.	Rate	Value (Rs.)
Production Unit				
i	Blender/Mixer	1	40,000.00	40,000.00
ii	Pulveriser	1	275,000.00	275,000.00
iii	Cabinet Drier 12 Trays	1	65,000.00	65,000.00
iv	Platform weighing Machine	1	15,000.00	15,000.00
v	Working table with AI Top	2	30,000.00	60,000.00
vi	Miscellaneous Equipments			50,000.00
Total Cost of Machinery & Equipments				505,000.00
xv	Electrification & Installation Charges @ 10%	-		50,500.00
Total Cost of Production Unit				555,500.00
(3) Pre-Operative Expenses:		25000.00		
Total Fixed Capital (2+3)				580,500.00

RAW MATERIAL REQUIREMENT & STOCK

Particulars	Mode	Year' 1
Capacity Utilisation		70%
Daily Production at 100% capacity- Kg/day	200.00	
No of Working days per annum	300	
Annual Production	Kg	42000.00
Wastage	%	2.00
Net Production	Kg	41160.00
Gross Consumption		
Rice	Kg	29223.6
Whole Gram Dal	Kg	11113.2
Fenugreek	Kg	823.2
Emulsifying Agent and others etc.	Kg	0
Packing material to be packed in 500 gm packet & then to be packed in 1 carton @ Rs. 20 per carton (24 packets in 1 carton)	Pkt	82,320.00
Rate (Per Kg)		
Rice	Rs	30.00
Whole Gram Dal	Rs	70.00
Fenugreek	Rs	80.00
Emulsifying Agent and others etc.	Rs	-
Packing material to be packed in 500 gm packet & then to be packed in 1 carton @ Rs. 20 per carton (24 packets in 1 carton)	-	-
Annual Consumption		
Rice	Rs	876708.00
Whole Gram Dal	Rs	777924.00
Fenugreek	Rs	65856.00
Emulsifying Agent and others etc.	Rs	2000.00
Packing material to be packed in 500 gm packet & then to be packed in 1 carton @ Rs. 20 per carton (24 packets in 1 carton)	Rs	70000.00
Total		1792488.00
Stock of Raw Material	30days	147328
Stock of WIP	02 day	4804
Purchase Cost of Raw Material	Rs	1,944,619.66

WORKING CAPITAL REQUIREMENT

Particulars	Days	Year' 1
Raw Material	30	147327.78
Work in Process	2	4803.88
Finished Goods	10	62444.43
Receivables	30	308700.00
Advance/Security		200000.00
Total		723276.09
Less: Creditors	30	162051.64
Net Current Assets		561224.45
Paid Stock		52524.45
75% of Paid Stock		39393.34
60% of Book Debts		185220.00
Bank Limits		224613.34
Margin for Working Capital		336611.11

SELLING & ADMINISTRATION EXPENSES

Particular	Year I
i Postage	18,000.00
ii Commission on sales	56,000.00
iii Office Expenses	24,000.00
iv Tour & Travel	18,000.00
v Printing & Stationary	36,000.00
vi Advertisement	70,000.00
vii Telephone	20,000.00
viii Repair & Maintenance	24,000.00
ix Conveyance	24,000.00
x Sales expenses	36,000.00
xi Insurance	24,000.00
xii Misc. Expenses	20,440.00
Total	370,440.00

SALARIES

S. No.	Description	No.	Salary PM	Total Salaries-Year I
(a) Administrative & Supervisory				
i	Production Incharge cum accountant	1	15,000.00	180,000.00
Total Salaries				180,000.00
(b) Technical Skilled & Unskilled-Wages				
i	Skilled Worker	1	10,000.00	120,000.00
ii	Semi Skilled Worker	2	6,000.00	144,000.00
iii	Helper	2	4,000.00	96,000.00
Total Wages				360,000.00
Grand Total				540,000.00

RATIO ANALYSIS

Particulars	Year' 1
NET PROFIT RATIO	
NP*100/Total sales	9.70
RATE OF RETURN	30.16
NP*100/Total Investment	

BREAK EVEN ANALYSIS

FIXED COST	
Rent	96,000.00
Interest on Borrowing	61,874.53
40% of Salaries	216000
40% of Utilities	9600
25% of Admin Exp	92610
Depreciation	90,825.00
	566,909.53
BREAK EVEN POINT	$\frac{\text{Fixed Cost} * 100}{\text{Fixed Cost} + \text{Profit}}$
	61.20

ADDRESS OF MACHINERY & EQUIPMENT SUPPLIERS:

- M/s Bajaj Processpack Maschinen Pvt. Ltd., 7/27, Jai Lakshmi Industrial Estate, Sahibabad Industrial Area, Sahibabad, Dist. Ghaziabad (U.P.) - 201301.
- M/s Gardners Corporation, 158, Golf Links, New Delhi- 110003.
- M/s Mather & Plott (India) Ltd., PB No. 7, Mumbai-Pune Road, Chenchwaad, Pune- 411001.
- M/s Premur Impex Ltd., 44/45, Kings Road, 1st Floor, Howrah- 711101.
- M/s Grovers Pvt. Ltd., 3-F4, Shankardham Sunder Van Complex, Opp. Lotahand Complex Road, Andheri (W), Mumbai- 400057.