



DETAILED PROJECT REPORT

SOYA PANEER UNIT

UNDER PMFME SCHEME



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Ministry of Food Processing Industries

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TABLE OF CONTENTS

S No.	Topic	Page Number
1.	Project Summary	3
2.	About the Product	4-7
3.	Process Flow Chart	7-8
4.	Economics of the Project	9-25
	4.1. Basis & Presumptions	9
	4.2. Capacity , Utilisation, Production & Output	10-11
	4.3. Premises/Infrastructure	11
	4.4. Machinery & Equipments	12-13
	4.5. Misc. Fixed Assets	14
	4.6. Total Cost of Project	14
	4.7. Means of Finance	14
	4.8. Term Loan	15
	4.9. Term Loan repayment & interest schedule	15-18
	4.10. Working Capital Calculations	18
	4.11. Salaries/Wages	19
	4.12. Power Requirement	20
	4.13. Depreciation Calculation	20
	4.14. Repairs & Maintenance	21
	4.15. Projections of Profitability Analysis	21
	4.16. Break Even Point Analysis	22
	4.17. Projected Balance Sheet	23
	4.18. Cash- Flow Statement	24
	4.19. Debt-Service Coverage Ratio	25

1. PROJECT SUMMARY

1. Name of the proposed project	:	Soya Paneer Unit
2. Nature of proposed project	:	Proprietorship/Company/Partnership
3. Proposed project capacity	:	114000 Kg/annum(60,65,70,75&80% capacity utilization in 1 st to 5 th Year respectively)
4. Raw material	:	Soya Bean and Citric Acid
5. Major product outputs	:	Soya Paneer
6. Total project cost	:	Rs. 11.24 Lakh
• Land development, building & Civil Construction	:	Nil
• Machinery and equipment's	:	Rs. 5.85 Lakh
• Miscellaneous Fixed Assets	:	Rs. 2.50 Lakh
• Working capital	:	Rs. 2.89 Lakh
8. Means of Finance		
• Subsidy (max 10lakhs)	:	Rs. 2.92 Lakh
• Promoter's contribution (min10%)	:	Rs. 1.11 Lakh
• Term loan	:	Rs. 4.59 Lakh
• Working Capital Requirement	:	Rs. 2.60 Lakh
9. Profit after Depreciation, Interest & Tax		
• 1 st year	:	Rs. 0.94 Lakh
• 2 nd year	:	Rs. 2.19 Lakh
• 3 rd year	:	Rs. 3.53 Lakh
• 4 th year	:	Rs. 4.94 Lakh
• 5 th year	:	Rs. 6.22 Lakh
11. Average DSCR	:	Rs. 3.99
12. Term loan repayment	:	5 Years with 6 months grace period

2. ABOUT THE PRODUCT

2.1. PRODUCT INTRODUCTION:

Tofu, also known as bean curd is a food prepared by coagulating soy milk and then pressing the resulting curds into solid white blocks of varying softness; it can be silken, soft, firm, or extra firm. Beyond these broad categories, there are many varieties of tofu.

Soya paneer is commonly called as Tofu. While normal paneer is a dairy product, soya paneer manufacturers make use of soy milk to create this healthier version of paneer. The texture of tofu or soya paneer is very similar to that of cottage cheese or paneer.

It has a subtle flavor, so it can be used in savory and sweet dishes. It is often seasoned or marinated to suit the dish and its flavors, and due to its spongy texture it absorbs flavors well.

"Tofu is a much healthier option than paneer. 100 grams of tofu has about 60-65 calories, while 100 grams of paneer may have about 260 calories. Iron content in tofu is more than that of paneer. Both have sufficient amount of protein content."

Soybeans are crushed and ground into milk like substance to form tofu. This soy milk is used for making soya paneer in the similar manner. The best part about soya paneer or tofu is that it is totally vegan, perfect for all the vegan people. This soya paneer is good for all the health-lovers. It is rich in a number of healthy items like iron, manganese, copper, selenium, phosphorous, and magnesium.

Benefits & Uses:

- Promotes Weight Loss:

One of the major reason why people opt for tofu over paneer is that it promotes weight loss. If you are also planning to lose your extra kilos, you should replace the dairy paneer with tofu. Majority of the people going to gyms or planning to get a leaner body look for soya paneer manufacturers to get high quality tofu and include it in their everyday life.

- Prevents Risk Of Stroke:

Another amazing health benefit of tofu is that it can help you secure yourself from getting a stroke attack. If you are consuming tofu regularly, there are very high chances that you may be safe from any type of cardiovascular disease. It can reduce the bad cholesterol level in the body along with decreasing the amount of triglycerides to protect you from stroke.

- Helpful for Diabetic:

If you are suffering from diabetes, tofu could be a super food for you. As tofu is known to be very low in fat and calories, one can include tofu in the diet without thinking twice. In fact, if a person, who is at the risk of getting Type-2 diabetes consumes at least 200 grams of tofu every day, he/she might have high chances of reducing this risk. Tofu should be a regular item on the everyday diet menu if you plan to reduce your risks of getting diabetes.

- Rich in Protein:

The biggest reason why one should have tofu is that it is rich in proteins. As tofu or soya paneer is made from soy milk, it is rich in protein content. This protein can be helpful in a number of ways like preventing ageing, keeping the skin's elasticity intact, and much more.

2.2. MARKET POTENTIAL:

The global tofu market size was estimated at USD 2.31 billion in 2018 and is expected to expand at a CAGR of 5.2% from 2019 to 2025. Rising preference for vegan diet in developed countries including the U.S. and Germany on account of an increasing number of campaigns aimed at reducing animal slaughter is expected to remain a key driving factor. Tofu is considered as healthy and gluten-free food.

Growing demand for tofu is its predominant usage as a high protein source and vegetarian alternative to meat and dairy products. Tofu is incorporated in the preparation of a variety of foods such as burgers, hot dogs, sauces, ice creams, shakes, and desserts among others. Growing consumer preference for premium products is anticipated to significantly impact the demand for organic tofu. Some of the popular product varieties include extra firm, firm, silken, sprouted super firm, and cubed super firm tofu among others.

Due to the outbreak of the coronavirus disease (COVID-19), there has been a rise in the demand for plant-based, protein-rich food products, such as tofu. This is further supported by the shortage of meat products, which, in turn, is positively influencing the market growth.

The global tofu market grew at a CAGR of around 5% during 2014-2019. On the other hand, India Soy Products Market is projected to record a CAGR of 3.8% during the forecast period (2020-2025).

2.3. RAW MATERIAL DESCRIPTION:

Following major raw materials are required for soya paneer manufacturing unit.

1. Soybean
2. Citric acid

It is presumed that 1 kg of Soybean may yield 5-6 liters of Soymilk. 1 liter Soymilk can be converted into 180-200 Grams of Soya Paneer (Tofu).

So on an average 1 KG soybean will provide approx. 1.25-1.5 Kg Soya paneer.

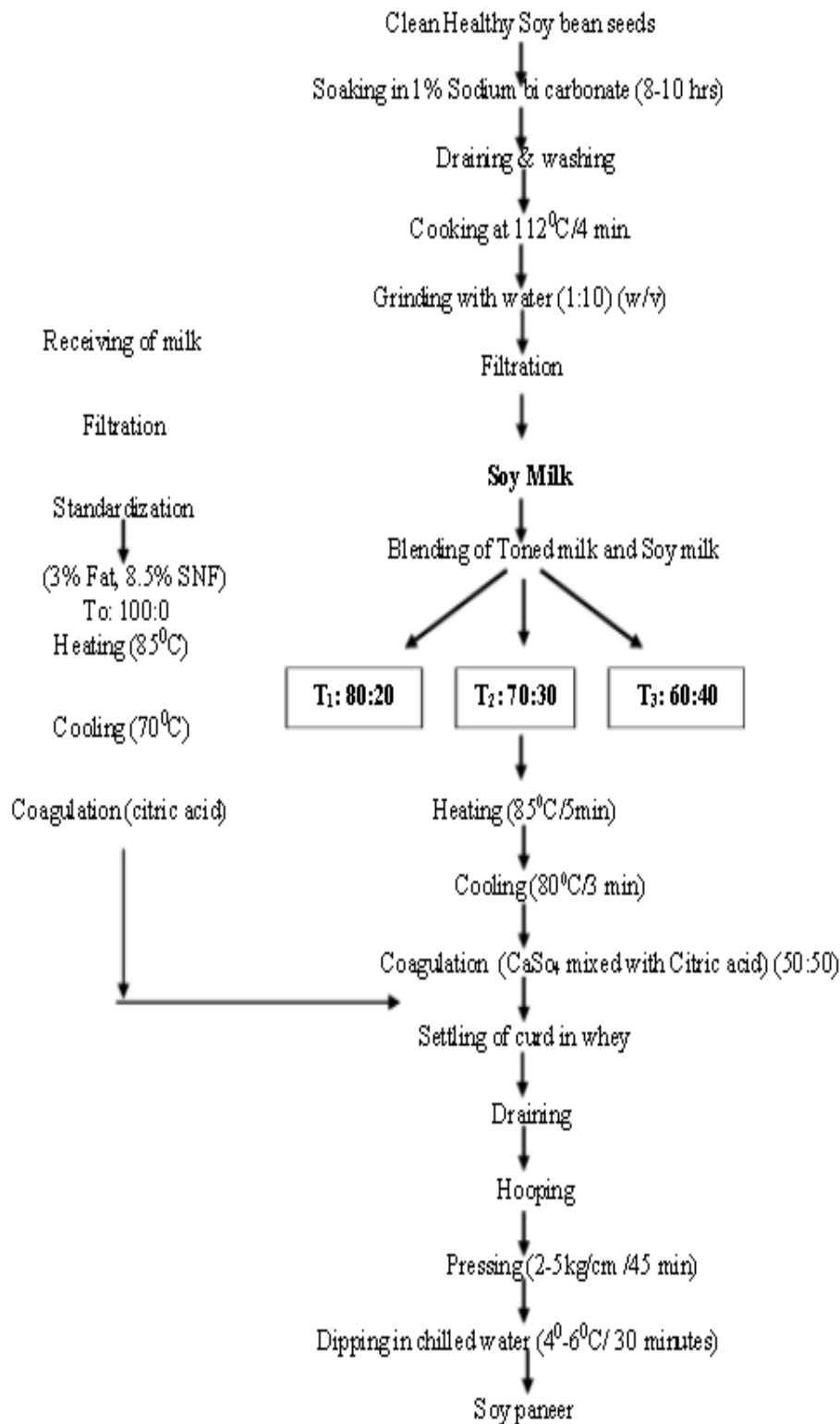
S.N.	Particulars	Rate
1	Soybean	40-50/Kg
2	Citric Acid	55-65/Kg

Average raw material cost per 1 kg Packet of Soya Paneer: Rs. 40-50

3. PROCESS FLOW CHART

The initial stage involves the cleaning, sorting of the Soyabean followed by dehulling and soaking at room temperature. After soaking the weight of original soyabean becomes double, the split (dehulled beans) are ground in hot water in proportionate ratio and filtered to get milk.

The milk is then cooled & citric acid solution is added with slow stirring. Preparation of soy curd & then it is pressed in paneer making boxes to get final product & then cut into pieces of approx. desired size and put in cold water for another 30 minutes. Vacuum packed tofu should always be kept in the fridge and after unpacking, immersed in water.



4. ECONOMICS OF THE PROJECT

4.1. BASIS & PRESUMPTIONS

1. Production Capacity of Soya Paneer is 50 kg per hr. First year, Capacity has been taken @ 60%.
2. Working shift of 8 hours per day has been considered.
3. Raw Material stock is for 10 days and Finished goods Closing Stock has been taken for 10 days.
4. Credit period to Sundry Debtors has been given for 7 days.
5. Credit period by the Sundry Creditors has been provided for 7 days.
6. Depreciation and Income tax has been taken as per the Income tax Act, 1961.
7. Interest on working Capital Loan and Term loan has been taken at 11%.
8. Salary and wages rates are taken as per the Current Market Scenario.
9. Power Consumption has been taken at 9 KW.
10. Increase in sales and raw material costing has been taken @ 5% on a yearly basis.

4.2. CAPACITY, UTILIZATION, PRODUCTION & OUTPUT

COMPUTATION OF PRODUCTION OF SOYA PANEER

Items to be Manufactured

Soya Paneer

Machine capacity Per hour	50	Kg
Total working Hours	8	
Machine capacity Per Day	400	Kg
Working days in a month	25	Days
Working days per annum	300	
Wastage Considered	5%	
Raw material requirement	120000	Kg
Final Output per annum after wastage	114000	Kg
Final Product to be packed in 1 kg Packet		
Number of Cans per annum	114000	1 Kg Packet

Production of Soya Paneer

Production	Capacity	KG
1st year	60%	68,400
2nd year	65%	74,100
3rd year	70%	79,800
4th year	75%	85,500
5th year	80%	91,200





Raw Material Cost			
Year	Capacity Utilisation	Rate (per Kg)	Amount (Rs. in lacs)
1st year	60%	40.00	28.80
2nd year	65%	42.00	32.76
3rd year	70%	44.00	36.96
4th year	75%	46.00	41.40
5th year	80%	48.00	46.08



COMPUTATION OF SALE					
Particulars	1st year	2nd year	3rd year	4th year	5th year
Op Stock	-	2,280	2,470	2,660	2,850
Production	68,400	74,100	79,800	85,500	91,200
Less : Closing Stock	2,280	2,470	2,660	2,850	3,040
Net Sale	66,120	73,910	79,610	85,310	91,010
Sale price per packet	80.00	84.00	88.00	92.00	97.00
Sales (in Lacs)	52.90	62.08	70.06	78.49	88.28

4.3. PREMISES/INFRASTRUCTURE

The approximate total area required for complete factory setup is 2000-2500 Sq. ft. for smooth production including storage area. It is expected that the premises will be on rental.

4.4. MACHINERY & EQUIPMENTS

Machine Name	Description	Machine Image
Soya bean Grinder & milk separator	This machine is used to grind the soaked soybeans in presence of water & simultaneously extracting the remnants of crushed beans in order to obtain the raw soy milk.	
Soya milk cooking vessel or kettle	Soy milk being derived from soy beans has certain enzymes present within it, therefore cooking is essential to inactivate these enzymes & also to achieve consistency. This task is achieved via cooking vessel or kettle.	
Boiler	It's a device used to generate steam for various process within plant where heating is required.	
Tofu (Paneer press machine)	It's a simple press which is used to extract excess water out the coagulated mass in order to obtain the soy paneer.	

<p>RO Water Plant</p>	<p>It is a water purification plant which utilizes a set of filters essentially including an.RO filter to obtained purified water with low TDS.</p>	
<p>Material handling and other Equipments</p>	<p>These are set of equipments which are used in various supporting roles in various operations of plant.</p>	

Machine	Unit	Rate	Price
Soya bean Grinder & milk separator (Capacity 175 ltr/hr)	1	35000	35000
Soya milk cooking vessel or kettle	1	80000	80000
Boiler (Capacity-500 Ltr.)	1	85000	85000
Tofu (Paneer press machine) (Capacity- 100 Ltr./hr)	1	110000	110000
RO Water Plant	1	75000	75000
Material handling and other equipments (Bins, trolley, conveyor, silos, etc.)	-	200000	200000

Note: Approx. Total Machinery cost shall be Rs 5.85 lakh including equipment's but excluding GST and Transportation Cost.

4.5. MISCELLANEOUS FIXED ASSETS

- Water Supply Arrangements
- Furniture & Fixtures
- Computers & Printers

4.6. TOTAL COST OF PROJECT

COST OF PROJECT	
	(in Lacs)
PARTICULARS	Amount
Land & Building	Owned/Rented
Plant & Machinery	5.85
Miscellaneous Assets	2.50
Working capital	2.89
Total	11.24

4.7. MEANS OF FINANCE

MEANS OF FINANCE	
PARTICULARS	AMOUNT
Own Contribution (min 10%)	1.11
Subsidy @35%(Max. Rs 10 Lac)	2.92
Term Loan @ 55%	4.59
Working Capital (Bank Finance)	2.60
Total	11.24

4.8. TERM LOAN: Term loan of Rs. 4.59 Lakh is required for project cost of Rs. 11.24 Lakh

4.9. TERM LOAN REPAYMENT & INTEREST SCHEDULE

REPAYMENT SCHEDULE OF TERM LOAN							
					Interest	11.00%	
Year	Particulars	Amount	Addition	Total	Interest	Repayment	Closing Balance
1st	Opening Balance						
	1st month	-	4.59	4.59	-	-	4.59
	2nd month	4.59	-	4.59	0.04	-	4.59
	3rd month	4.59	-	4.59	0.04	-	4.59
	4th month	4.59	-	4.59	0.04		4.59
	5th month	4.59	-	4.59	0.04		4.59
	6th month	4.59	-	4.59	0.04		4.59
	7th month	4.59	-	4.59	0.04	0.09	4.51
	8th month	4.51	-	4.51	0.04	0.09	4.42
	9th month	4.42	-	4.42	0.04	0.09	4.34
	10th month	4.34	-	4.34	0.04	0.09	4.25
	11th month	4.25	-	4.25	0.04	0.09	4.17
	12th month	4.17	-	4.17	0.04	0.09	4.08
					0.45	0.51	
2nd	Opening Balance						
	1st month	4.08	-	4.08	0.04	0.09	4.00
	2nd month	4.00	-	4.00	0.04	0.09	3.91
	3rd month	3.91	-	3.91	0.04	0.09	3.83
	4th month	3.83	-	3.83	0.04	0.09	3.74

PM FME- Detailed Project Report of Soya Paneer Unit

	5th month	3.74	-	3.74	0.03	0.09	3.66
	6th month	3.66	-	3.66	0.03	0.09	3.57
	7th month	3.57	-	3.57	0.03	0.09	3.49
	8th month	3.49	-	3.49	0.03	0.09	3.40
	9th month	3.40	-	3.40	0.03	0.09	3.32
	10th month	3.32	-	3.32	0.03	0.09	3.23
	11th month	3.23	-	3.23	0.03	0.09	3.15
	12th month	3.15	-	3.15	0.03	0.09	3.06
					0.40	1.02	
3rd	Opening Balance						
	1st month	3.06	-	3.06	0.03	0.09	2.98
	2nd month	2.98	-	2.98	0.03	0.09	2.89
	3rd month	2.89	-	2.89	0.03	0.09	2.81
	4th month	2.81	-	2.81	0.03	0.09	2.72
	5th month	2.72	-	2.72	0.02	0.09	2.64
	6th month	2.64	-	2.64	0.02	0.09	2.55
	7th month	2.55	-	2.55	0.02	0.09	2.47
	8th month	2.47	-	2.47	0.02	0.09	2.38
	9th month	2.38	-	2.38	0.02	0.09	2.30
	10th month	2.30	-	2.30	0.02	0.09	2.21
	11th month	2.21	-	2.21	0.02	0.09	2.13
	12th month	2.13	-	2.13	0.02	0.09	2.04
					0.29	1.02	
4th	Opening Balance						
	1st month	2.04	-		0.02	0.09	1.96

PM FME- Detailed Project Report of Soya Paneer Unit

				2.04			
2nd month	1.96	-	1.96	0.02	0.09	1.87	
3rd month	1.87	-	1.87	0.02	0.09	1.79	
4th month	1.79	-	1.79	0.02	0.09	1.70	
5th month	1.70	-	1.70	0.02	0.09	1.62	
6th month	1.62	-	1.62	0.01	0.09	1.53	
7th month	1.53	-	1.53	0.01	0.09	1.45	
8th month	1.45	-	1.45	0.01	0.09	1.36	
9th month	1.36	-	1.36	0.01	0.09	1.28	
10th month	1.28	-	1.28	0.01	0.09	1.19	
11th month	1.19	-	1.19	0.01	0.09	1.11	
12th month	1.11	-	1.11	0.01	0.09	1.02	
				0.17	1.02		
5th	Opening Balance						
1st month	1.02	-	1.02	0.01	0.09	0.94	
2nd month	0.94	-	0.94	0.01	0.09	0.85	
3rd month	0.85	-	0.85	0.01	0.09	0.77	
4th month	0.77	-	0.77	0.01	0.09	0.68	
5th month	0.68	-	0.68	0.01	0.09	0.60	
6th month	0.60	-	0.60	0.01	0.09	0.51	
7th month	0.51	-	0.51	0.00	0.09	0.43	
8th month	0.43	-	0.43	0.00	0.09	0.34	
9th month	0.34	-	0.34	0.00	0.09	0.26	
10th month	0.26	-	0.26	0.00	0.09	0.17	
11th month	0.17	-		0.00	0.09	0.09	

			0.17			
12th month	0.09	-	0.09	0.00	0.09	-
				0.06	1.02	
DOOR TO DOOR MORATORIUM PERIOD	60	MONTHS				
	6	MONTHS				
REPAYMENT PERIOD	54	MONTHS				

4.10. WORKING CAPITAL CALCULATIONS

COMPUTATION OF CLOSING STOCK & WORKING CAPITAL						(in Lacs)
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year	
Finished Goods						
	1.44	1.63	1.82	2.01	2.22	
Raw Material						
	0.96	1.09	1.23	1.38	1.54	
Closing Stock	2.40	2.72	3.05	3.39	3.76	

COMPUTATION OF WORKING CAPITAL REQUIREMENT						
TRADITIONAL METHOD						(in Lacs)
Particulars	Amount	Own Margin		Bank Finance		
Finished Goods & Raw Material	2.40					
Less : Creditors	0.67					
Paid stock	1.73	10%	0.17	90%	1.56	
Sundry Debtors	1.23	10%	0.12	90%	1.11	
	2.97		0.30		2.67	
MPBF					2.67	
WORKING CAPITAL LIMIT DEMAND (from Bank)					2.60	
Working Capital Margin					0.29	

4.11. SALARY & WAGES

<u>BREAK UP OF LABOUR CHARGES</u>			
Particulars	Wages Rs. per Month	No of Employees	Total Salary
Plant Operator	15,000	1	15,000
Supervisor	18,000	1	18,000
Skilled (in thousand rupees)	12,000	2	24,000
Unskilled (in thousand rupees)	8,500	2	17,000
Total salary per month			74,000
Total annual labour charges	(in lacs)		8.88

<u>BREAK UP OF STAFF SALARY CHARGES</u>			
Particulars	Salary Rs. per Month	No of Employees	Total Salary
Administrative Staff	6,000	1	6,000
Manager	20,000	1	20,000
Accountant	15,000	1	15,000
Total salary per month			41,000
Total annual Staff charges	(in lacs)		4.92

4.12 POWER REQUIREMENT

Utility Charges (per month)		
Particulars	value	Description
Power connection required		9 KWH
consumption per day		72 units
Consumption per month	1,800 units	
Rate per Unit	10 Rs.	
power Bill per month	18,000 Rs.	

4.13. DEPRECIATION CALCULATION

COMPUTATION OF DEPRECIATION			(in Lacs)
Description	Plant & Machinery	Miss. Assets	TOTAL
Rate of Depreciation	15.00%	10.00%	
Opening Balance	-	-	-
Addition	5.85	2.50	8.35
Total	5.85	2.50	8.35
Less : Depreciation	0.88	0.25	1.13
WDV at end of Year	4.97	2.25	7.22
Additions During The Year	-	-	-
Total	4.97	2.25	7.22
Less : Depreciation	0.75	0.23	0.97
WDV at end of Year	4.23	2.03	6.25
Additions During The Year	-	-	-
Total	4.23	2.03	6.25
Less : Depreciation	0.63	0.20	0.84
WDV at end of Year	3.59	1.82	5.42
Additions During The Year	-	-	-
Total	3.59	1.82	5.42
Less : Depreciation	0.54	0.18	0.72
WDV at end of Year	3.05	1.64	4.69
Additions During The Year	-	-	-
Total	3.05	1.64	4.69
Less : Depreciation	0.46	0.16	0.62
WDV at end of Year	2.60	1.48	4.07

4.14. REPAIR & MAINTENANCE: Repair & Maintenance is 2.5% of Gross Sale.

4.15. PROJECTIONS OF PROFITABILITY ANALYSIS

<u>PROJECTED PROFITABILITY STATEMENT</u>						(in Lacs)
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year	
Capacity Utilisation %	60%	65%	70%	75%	80%	
<u>SALES</u>						
Gross Sale						
Soya Paneer	52.90	62.08	70.06	78.49	88.28	
Total	52.90	62.08	70.06	78.49	88.28	
<u>COST OF SALES</u>						
Raw Material Consumed	28.80	32.76	36.96	41.40	46.08	
Electricity Expenses	2.16	2.48	2.86	3.29	3.61	
Depreciation	1.13	0.97	0.84	0.72	0.62	
Wages & labour	8.88	9.77	10.74	11.50	12.30	
Repair & maintenance	1.32	1.55	1.75	1.96	2.21	
Packaging	1.06	1.24	1.40	1.57	1.77	
Cost of Production	43.35	48.78	54.55	60.44	66.59	
Add: Opening Stock /WIP	-	1.44	1.63	1.82	2.01	
Less: Closing Stock /WIP	1.44	1.63	1.82	2.01	2.22	
Cost of Sales	41.90	48.60	54.36	60.24	66.38	
GROSS PROFIT	10.99	13.49	15.70	18.25	21.89	
	20.78%	21.73%	22.41%	23.25%	24.80%	
Salary to Staff	4.92	5.41	5.84	6.43	7.39	
Interest on Term Loan	0.45	0.40	0.29	0.17	0.06	
Interest on working Capital	0.29	0.29	0.29	0.29	0.29	
Rent	3.60	3.96	4.36	4.79	5.27	
selling & adm exp	0.79	1.24	1.40	1.49	2.21	
TOTAL	10.05	11.30	12.17	13.17	15.22	
NET PROFIT	0.94	2.19	3.53	5.08	6.68	
	1.78%	3.53%	5.03%	6.47%	7.56%	
Taxation	-	-	-	0.14	0.46	
PROFIT (After Tax)	0.94	2.19	3.53	4.94	6.22	

4.16. BREAK EVEN POINT ANALYSIS

BREAK EVEN POINT ANALYSIS					
Year	I	II	III	IV	V
Net Sales & Other Income	52.90	62.08	70.06	78.49	88.28
Less : Op. WIP Goods	-	1.44	1.63	1.82	2.01
Add : Cl. WIP Goods	1.44	1.63	1.82	2.01	2.22
Total Sales	54.34	62.27	70.25	78.68	88.48
Variable & Semi Variable Exp.					
Raw Material Consumed	28.80	32.76	36.96	41.40	46.08
Electricity Exp/Coal Consumption at 85%	1.84	2.11	2.43	2.79	3.07
Wages & Salary at 60%	8.28	9.11	9.95	10.76	11.82
Selling & administrative Expenses 80%	0.63	0.99	1.12	1.19	1.77
Interest on working Capital	0.286	0.286	0.286	0.286	0.286
Repair & maintenance	1.32	1.55	1.75	1.96	2.21
Packaging	1.06	1.24	1.40	1.57	1.77
Total Variable & Semi Variable Exp	42.22	48.05	53.90	59.96	66.99
Contribution	12.12	14.21	16.35	18.72	21.49
Fixed & Semi Fixed Expenses					
Electricity Exp/Coal Consumption at 15%	0.32	0.37	0.43	0.49	0.54
Wages & Salary at 40%	5.52	6.07	6.64	7.17	7.88
Interest on Term Loan	0.45	0.40	0.29	0.17	0.06
Depreciation	1.13	0.97	0.84	0.72	0.62
Selling & administrative Expenses 20%	0.16	0.25	0.28	0.30	0.44
Rent	3.60	3.96	4.36	4.79	5.27
Total Fixed Expenses	11.18	12.02	12.82	13.65	14.82
Capacity Utilization	60%	65%	70%	75%	80%
OPERATING PROFIT	0.94	2.19	3.53	5.08	6.68
BREAK EVEN POINT	55%	55%	55%	55%	55%
BREAK EVEN SALES	50.12	52.66	55.10	57.35	61.00

4.17. PROJECTED BALANCE SHEET

PROJECTED BALANCE SHEET						(in Lacs)
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year	
<u>Liabilities</u>						
Capital						
opening balance		3.58	4.07	4.80	5.73	
Add:- Own Capital	1.11					
Add:- Retained Profit	0.94	2.19	3.53	4.94	6.22	
Less:- Drawings	1.40	1.70	2.80	4.00	5.00	
Subsidy/grant	2.92					
Closing Balance	3.58	4.07	4.80	5.73	6.95	
Term Loan	4.08	3.06	2.04	1.02	-	
Working Capital Limit	2.60	2.60	2.60	2.60	2.60	
Sundry Creditors	0.67	0.76	0.86	0.97	1.08	
Provisions & Other Liab	0.40	0.50	0.60	0.72	0.86	
TOTAL :	11.33	11.00	10.90	11.04	11.49	
<u>Assets</u>						
Fixed Assets (Gross)	8.35	8.35	8.35	8.35	8.35	
Gross Dep.	1.13	2.10	2.93	3.66	4.28	
Net Fixed Assets	7.22	6.25	5.42	4.69	4.07	
Current Assets						
Sundry Debtors	1.23	1.45	1.63	1.83	2.06	
Stock in Hand	2.40	2.72	3.05	3.39	3.76	
Cash and Bank	0.47	0.58	0.80	1.12	1.60	
TOTAL :	11.33	11.00	10.90	11.04	11.49	

4.18. CASH FLOW STATEMENT

<u>PROJECTED CASH FLOW STATEMENT</u>					
(in Lacs)					
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
<u>SOURCES OF FUND</u>					
Own Margin	1.11				
Net Profit	0.94	2.19	3.53	5.08	6.68
Depriciation & Exp. W/off	1.13	0.97	0.84	0.72	0.62
Increase in Cash Credit	2.60	-	-	-	-
Increase In Term Loan	4.59	-	-	-	-
Increase in Creditors	0.67	0.09	0.10	0.10	0.11
Increase in Provisions & Oth lib	0.40	0.10	0.10	0.12	0.14
Sunsidy/grant	2.92				
TOTAL :	14.37	3.35	4.56	6.02	7.55
<u>APPLICATION OF FUND</u>					
Increase in Fixed Assets	8.35				
Increase in Stock	2.40	0.31	0.33	0.34	0.36
Increase in Debtors	1.23	0.21	0.19	0.20	0.23
Repayment of Term Loan	0.51	1.02	1.02	1.02	1.02
Drawings	1.40	1.70	2.80	4.00	5.00
Taxation	-	-	-	0.14	0.46
TOTAL :	13.90	3.25	4.34	5.70	7.07
Opening Cash & Bank Balance	-	0.47	0.58	0.80	1.12
Add : Surplus	0.47	0.11	0.22	0.32	0.48
Closing Cash & Bank Balance	0.47	0.58	0.80	1.12	1.60

4.19. DEBT SERVICE COVERAGE RATIO

<u>CALCULATION OF D.S.C.R</u>					
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
CASH ACCRUALS	2.07	3.16	4.36	5.66	6.84
Interest on Term Loan	0.45	0.40	0.29	0.17	0.06
Total	2.52	3.56	4.65	5.83	6.90
<u>REPAYMENT</u>					
Instalment of Term Loan	0.51	1.02	1.02	1.02	1.02
Interest on Term Loan	0.45	0.40	0.29	0.17	0.06
Total	0.96	1.42	1.31	1.19	1.08
DEBT SERVICE COVERAGE RATIO	2.62	2.51	3.56	4.88	6.38
AVERAGE D.S.C.R.	3.99				