

### 1.1 Total Project Cost

Sr. No.	Particular	Amount (Rs.)	Grant (%)	Grant Amount (Rs.)
1	Land and Building	9,216,312	60%	5,529,787
2	Machinery and Equipment	5,822,000	60%	3,493,200
3	Furniture and Fixture	150,000	60%	90,000
4	IT & It Infrastructure	150,000	60%	90,000
5	Transport vehical (Refer van and other)	-	60%	-
6	Preliminary Expenses	200,000	60%	120,000
7	Working Capital	335,651		
<b>Total</b>		<b>15,873,963</b>		<b>9,322,987</b>

Total Project Costs means the costs incurred or to be incurred by a FPC in connection with or incidental to the Construction and acquisition of assets including preoprtaive expenditure , design, construction and Working Capital

### 1.2 Means of Finance

Sr. No.	Particular	Bank Loan (%)	Amount (Rs.)
1	Govt. Grant under SMART Project		9,322,987
2	Bank Finance - Long Term Loan	10%	1,533,831
3	Own Contribution		5,017,145
<b>Total</b>			<b>15,873,963</b>

This sheet provide details of how total project cost will raised

### 1.3 Financial Indicators

Sr. No.	Financial ratio	Estimated	Result	Permissible limit
1	Break Even Point (BEP)	41.51%	Project Viable	BEP shall be less than 60% <60%
2	Avg. Return on Capital Employed Average (ROCE)	18.94%	Project Viable	RoCE for the project shall be more than 20% >20%
3	Internal Rate of Return (IRR)	12.14%	Project Viable	The project internal rate of return shall be more than 12% >12%
4	Net present value (at a discount rate of 10 per cent)	1,320,592	NPV is high and positive at a conservative project life of 7 years	With a discount rate of 10% and a span of 7 operational years, the NPV should be positive Positive
5	Payback period	4.98	Project Viable	The Pack Back Period (Project/ Equity) shall be less than 7 years <7 years
6	Debt Service Coverage Ratio (DSCR)	1.75	Project Viable	DSCR shall be more than 2 for better performing project. >2

M/s. Mitesh M. Maliwal & Associates  
H.No.166-B,Ganesh Nagar,  
Pawdewadi Road,  
Opp.Science College,NANDED-2.







3.2 Depreciation

As Per companies Act

Particulars	V1	V2	V3	V4	V5	V6	V7
<b>Assets</b>							
<b>Building</b>							
Asset Value	9,216,312	8,924,155	8,631,998	8,339,841	8,047,684	7,755,527	7,463,369
Depreciation	292,157	292,157	292,157	292,157	292,157	292,157	292,157
Accumulated Depreciation	292,157	584,314	876,471	1,168,628	1,460,785	1,752,943	2,045,100
Net Fixed Assets	8,924,155	8,631,998	8,339,841	8,047,684	7,755,527	7,463,369	7,171,212
<b>Plant and Machinery</b>							
Asset Value	5,822,000	5,453,467	5,084,935	4,716,402	4,347,870	3,979,337	3,610,804
Depreciation	368,533	368,533	368,533	368,533	368,533	368,533	368,533
Accumulated Depreciation	368,533	737,065	1,105,598	1,474,130	1,842,663	2,211,196	2,579,728
Net Fixed Assets	5,453,467	5,084,935	4,716,402	4,347,870	3,979,337	3,610,804	3,242,272
<b>Furniture and Electrification</b>							
Asset Value	150,000	135,000	120,000	105,000	90,000	75,000	60,000
Depreciation	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Accumulated Depreciation	15,000	30,000	45,000	60,000	75,000	90,000	105,000
Net Fixed Assets	135,000	120,000	105,000	90,000	75,000	60,000	45,000
<b>Vehicle</b>							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-
Net Fixed Assets	-	-	-	-	-	-	-
<b>IT Infrastructure</b>							
Asset Value	150,000	135,000	120,000	105,000	90,000	75,000	60,000
Depreciation	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Accumulated Depreciation	15,000	30,000	45,000	60,000	75,000	90,000	105,000
Net Fixed Assets	135,000	120,000	105,000	90,000	75,000	60,000	45,000
<b>Gross Fixed Asset</b>	15,338,312	14,647,622	13,956,933	13,266,243	12,575,553	11,884,864	11,194,174
<b>Total Depreciation</b>	690,690	690,690	690,690	690,690	690,690	690,690	690,690
<b>Accumulated Depreciation</b>	690,690	1,381,379	2,072,069	2,762,759	3,453,448	4,144,138	4,834,828
<b>Net Fixed Assets</b>	14,647,622	13,956,933	13,266,243	12,575,553	11,884,864	11,194,174	10,503,484

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Y1	Y2	Y3	Y4	Y5	Y6	Y7
9216.312	8,294,681	7,465,213	6,718,691	6,046,822	5,442,140	4,897,926
921,631	829,468	746,521	671,869	604,682	544,214	489,793
921,631	1,751,099	2,497,621	3,169,490	3,774,172	4,318,386	4,808,179
8,294,681	7,465,213	6,718,691	6,046,822	5,442,140	4,897,926	4,408,133
5,822,000	4,948,700	4,206,395	3,575,436	3,039,120	2,583,252	2,195,764
873,300	742,305	630,959	536,315	455,868	387,488	329,365
873,300	1,615,605	2,246,564	2,782,880	3,238,748	3,626,236	3,955,600
4,948,700	4,206,395	3,575,436	3,039,120	2,583,252	2,195,764	1,866,400
150,000	135,000	121,500	109,350	98,415	88,574	79,716
15,000	13,500	12,150	10,935	9,842	8,857	7,972
15,000	28,500	40,650	51,585	61,427	70,284	78,255
135,000	121,500	109,350	98,415	88,574	79,716	71,745
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
150,000	90,000	54,000	32,400	19,440	11,664	6,998
60,000	36,000	21,600	12,960	7,776	4,666	2,799
60,000	96,000	117,600	130,560	138,336	143,002	145,801
90,000	54,000	32,400	19,440	11,664	6,998	4,199
15,338,312	13,468,381	11,847,108	10,435,877	9,203,798	8,125,630	7,180,405
1,869,931	3,491,204	4,902,435	6,134,514	7,212,682	8,157,907	8,987,835
13,468,381	11,847,108	10,435,877	9,203,798	8,125,630	7,180,405	6,350,477

As per IT Act

M/s. Mitesh M. ~~Patel~~ <sup>Patel</sup> & Associates  
 H.No. 166-B, Ganesh Nagar,  
 Pawdewadi Road,  
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Amortization: Straight Line Method (SLM) is used  
 Depreciation: Straight Line Method (SLM) is used  
 Companies Act IT Act

	SLM	WDV
Land	0.00%	0.00%
Building	3.17%	10.00%
Furniture and Electrification	10.00%	10.00%
IT and Infrastructure	10.00%	40.00%
Vehicle	11.88%	15.00%
Plant and machinery	6.33%	15.00%

Amortization: Straight Line Method (SLM) is used  
 Pre-operative or pre-incubation 20% 20%

3.3 Amortization Schedule

Particulars	Years	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Preliminary Expenses	5	40,000	40,000	40,000	40,000	40,000	40,000	-
Total Value		40,000	40,000	40,000	40,000	40,000	40,000	-

3.4 Tax Schedule

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
EBT	1,705,794	2,312,965	2,990,436	3,732,913	4,552,014	5,403,576	6,283,780
Add Depreciation as per companies Act	690,690	690,690	690,690	690,690	690,690	690,690	690,690
Less Depreciation as per IT Act	1,869,931	1,621,273	1,411,231	1,232,080	1,078,168	945,225	829,928
Taxable Income	526,552	1,382,382	2,269,895	3,191,523	4,164,536	5,149,041	6,144,541
Provision of Taxes	136,904	359,419	590,173	829,796	1,082,779	1,338,751	1,597,581

Maximum Tax rate 25%

This Sheet refer for provision of tax calculation

M/s. Mitesh M. Malviya & Associates  
 H.No. 166-B, Ganesh Nagar,  
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4.1 Repayment Schedule

Loan Amount (Rs) 1,533,831  
 Interest rate /PA 12%  
 Loan Tenure in years 7  
 Moratorium Period ( In Months) 6  
 EMI Rs. 28,414.04

Year	Particulars	Opening Balance	Interest	Principal Repayment	EMI	Closing Outstanding
Year 1	Month 1	1,533,831	15,338	-	15,338	1,533,831
	Month 2	1,533,831	15,338	-	15,338	1,533,831
	Month 3	1,533,831	15,338	-	15,338	1,533,831
	Month 4	1,533,831	15,338	-	15,338	1,533,831
	Month 5	1,533,831	15,338	-	15,338	1,533,831
	Month 6	1,533,831	15,338	-	15,338	1,533,831
	Month 7	1,533,831	15,338	13,076	28,414	1,520,755
	Month 8	1,520,755	15,208	13,206	28,414	1,507,549
	Month 9	1,507,549	15,075	13,339	28,414	1,494,210
	Month 10	1,494,210	14,942	13,472	28,414	1,480,739
	Month 11	1,480,739	14,807	13,607	28,414	1,467,132
	Month 12	1,467,132	14,671	13,743	28,414	1,453,389
Year 2	Month 13	1,453,389	14,534	13,880	28,414	1,439,509
	Month 14	1,439,509	14,395	14,019	28,414	1,425,490
	Month 15	1,425,490	14,255	14,159	28,414	1,411,331
	Month 16	1,411,331	14,113	14,301	28,414	1,397,030
	Month 17	1,397,030	13,970	14,444	28,414	1,382,586
	Month 18	1,382,586	13,826	14,588	28,414	1,367,998
	Month 19	1,367,998	13,680	14,734	28,414	1,353,264
	Month 20	1,353,264	13,533	14,881	28,414	1,338,383
	Month 21	1,338,383	13,384	15,030	28,414	1,323,353
	Month 22	1,323,353	13,234	15,181	28,414	1,308,172
	Month 23	1,308,172	13,082	15,332	28,414	1,292,840
	Month 24	1,292,840	12,928	15,486	28,414	1,277,354
Year 3	Month 25	1,277,354	12,774	15,640	28,414	1,261,714
	Month 26	1,261,714	12,617	15,797	28,414	1,245,917
	Month 27	1,245,917	12,459	15,955	28,414	1,229,962
	Month 28	1,229,962	12,300	16,114	28,414	1,213,847
	Month 29	1,213,847	12,138	16,276	28,414	1,197,572
	Month 30	1,197,572	11,976	16,438	28,414	1,181,134
	Month 31	1,181,134	11,811	16,603	28,414	1,164,531
	Month 32	1,164,531	11,645	16,769	28,414	1,147,762
	Month 33	1,147,762	11,478	16,936	28,414	1,130,826
	Month 34	1,130,826	11,308	17,106	28,414	1,113,720
	Month 35	1,113,720	11,137	17,277	28,414	1,096,443
	Month 36	1,096,443	10,964	17,450	28,414	1,078,994
Year 4	Month 37	1,078,994	10,790	17,624	28,414	1,061,369
	Month 38	1,061,369	10,614	17,800	28,414	1,043,569
	Month 39	1,043,569	10,436	17,978	28,414	1,025,591
	Month 40	1,025,591	10,256	18,158	28,414	1,007,433
	Month 41	1,007,433	10,074	18,340	28,414	989,093
	Month 42	989,093	9,891	18,523	28,414	970,570
	Month 43	970,570	9,706	18,708	28,414	951,861
	Month 44	951,861	9,519	18,895	28,414	932,966
	Month 45	932,966	9,330	19,084	28,414	913,882
	Month 46	913,882	9,139	19,275	28,414	894,606
	Month 47	894,606	8,946	19,468	28,414	875,138
	Month 48	875,138	8,751	19,663	28,414	855,476
Year 5	Month 49	855,476	8,555	19,859	28,414	835,616
	Month 50	835,616	8,356	20,058	28,414	815,559
	Month 51	815,559	8,156	20,258	28,414	795,300
	Month 52	795,300	7,953	20,461	28,414	774,839
	Month 53	774,839	7,748	20,666	28,414	754,173
	Month 54	754,173	7,542	20,872	28,414	733,301
	Month 55	733,301	7,333	21,081	28,414	712,220
	Month 56	712,220	7,122	21,292	28,414	690,928
	Month 57	690,928	6,909	21,505	28,414	669,424
	Month 58	669,424	6,694	21,720	28,414	647,704
	Month 59	647,704	6,477	21,937	28,414	625,767
	Month 60	625,767	6,258	22,156	28,414	603,610
Year 6	Month 61	603,610	6,036	22,378	28,414	581,232
	Month 62	581,232	5,812	22,602	28,414	558,631

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	Month 63	558,631	5,586	22,828	28,414	535,803
	Month 64	535,803	5,358	23,056	28,414	512,747
	Month 65	512,747	5,127	23,287	28,414	489,460
	Month 66	489,460	4,895	23,519	28,414	465,941
	Month 67	465,941	4,659	23,755	28,414	442,186
	Month 68	442,186	4,422	23,992	28,414	418,194
	Month 69	418,194	4,182	24,232	28,414	393,962
	Month 70	393,962	3,940	24,474	28,414	369,488
	Month 71	369,488	3,695	24,719	28,414	344,769
	Month 72	344,769	3,448	24,966	28,414	319,802
	Month 73	319,802	3,198	25,216	28,414	294,586
Year 7	Month 74	294,586	2,946	25,468	28,414	269,118
	Month 75	269,118	2,691	25,723	28,414	243,395
	Month 76	243,395	2,434	25,980	28,414	217,415
	Month 77	217,415	2,174	26,240	28,414	191,175
	Month 78	191,175	1,912	26,502	28,414	164,673
	Month 79	164,673	1,647	26,767	28,414	137,906
	Month 80	137,906	1,379	27,035	28,414	110,871
	Month 81	110,871	1,109	27,305	28,414	83,565
	Month 82	83,565	836	27,578	28,414	55,987
	Month 83	55,987	560	27,854	28,414	28,133
	Month 84	28,133	281	28,133	28,414	0
			774493.59		1533831.20	

This Sheet Provide details of loan repayment schedule. The borrower is able to check how much of the monthly EMI is being allocated towards the repayment of outstanding and interest respectively, depending on the rate of interest and tenure of the loan.

Assumption:

- 1 Rate of Interest assumed as 12%
- 2 Moratorium Period 6 Months

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M/s. Mitesh Malhi & Associates  
H.No. 166 B, Ganesh Nagar,  
Pawdewadi Road,  
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5.1 Closing and Opening Stock Calculation

Particulars	V1	V2	V3	V4	V5	V6	V7
Opening Stock							
Agri Input		734,634	899,111	1,078,200	1,272,949	1,484,479	1,713,978
Trading		90,352	142,304	199,226	261,484	329,470	403,601
Grain Processing		1,798	3,032	4,794	6,707	8,798	11,083
Horticulture Processing							
Total		826,784	1,044,448	1,282,220	1,541,141	1,822,747	2,128,662
Closing Stock							
Agri Input	5%	734,634	899,111	1,078,200	1,272,949	1,484,479	1,713,978
Trading	5%	90,352	142,304	199,226	261,484	329,470	403,601
Grain Processing	5%	1,798	3,032	4,794	6,707	8,798	11,083
Horticulture Processing	5%						
Total		826,784	1,044,448	1,282,220	1,541,141	1,822,747	2,128,662

Closing Stock is an amount of unsold stock lying in your business on a given date. In simple words, it's the inventory which is still in your business waiting to be sold for a given period. The closing stock can be in various forms such as raw materials, in-process goods (WIP) or finished goods

Assumption:  
1. Closing stock of each facility is 5%

M/s. ~~Milash M. Malwal~~ Malwal & Associates  
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5.2 Working Capital Calculation

Sl. No.	Particulars	Duration (in days)	Amount (Rs.)						
			Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>A Accounts Receivables (Debtors)</b>									
1	Agri Input	14	-	-	-	-	-	-	-
2	Custom Hiring	14	151,200	158,760	166,698	175,033	183,785	192,974	202,622
3	Cleaning & Grading	14	572,439	731,893	878,439	1,037,810	1,210,922	1,398,750	1,602,334
4	Dal Mill	14	88,207	142,760	200,534	263,729	332,743	407,998	489,947
5	Warehouse	14	44,186	49,295	54,805	60,742	67,136	70,493	74,017
6	Processing Unit - Horti Commodity	14	2,493	2,618	2,886	3,341	4,372	5,778	7,425
	<b>Subtotal</b>		858,525	1,085,326	1,303,362	1,540,655	1,798,857	2,073,993	2,376,347
	<b>B Closing Stock</b>		826,784	1,044,448	1,282,220	1,541,141	1,822,747	2,128,662	2,460,611
	<b>Total</b>		1,685,309	2,129,773	2,585,582	3,081,796	3,621,604	4,204,655	4,836,958
<b>C Accounts Payable &amp; Accrued Expenses (Creditors)</b>									
1	Agri Input	7	-	-	-	-	-	-	-
2	Custom Hiring	7	33,830	35,522	37,298	39,163	41,121	43,177	45,336
3	Cleaning & Grading	7	269,454	343,873	412,716	487,585	568,908	657,145	752,783
4	Dal Mill	7	33,790	54,951	77,235	101,610	128,229	157,256	188,866
5	Warehouse	7	6,674	7,008	7,358	7,726	8,112	8,518	8,944
	Processing Unit - Horti Commodity	7	(1,043)	167	747	1,378	2,071	2,829	3,658
	<b>Total</b>		342,704	441,520	535,355	637,462	748,442	868,925	999,897
	<b>Working Capital</b>		1,342,605	1,688,253	2,050,228	2,444,234	2,873,163	3,335,729	3,837,371
	<b>Own Contribution</b>		25%						

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Working capital, also known as net working capital (NWC), is the difference between a company's current assets, such as accounts receivable (customers' unpaid bills), and inventories of raw materials and finished goods, and its current liabilities, such as accounts payable. This sheet provides required working capital for running business.

Assumption:

1. Company has to give credit for sale at 14 Days
2. Company will receive credit from suppliers for 7 days
3. 25 % of Working Capital will be financed by the company and balance 75% from bank finance at 12% rate of interest.

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## 6.1 Consolidated Profit and loss account for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>							
Facility 1 - Cleaning & Grading	14,924,295	19,081,497	22,902,160	27,057,186	31,570,459	36,467,416	41,775,143
Facility 2 - Processing Unit- Dal Mill	2,299,682	3,721,944	5,228,213	6,875,803	8,675,081	10,637,098	12,773,629
Facility 3 - Warehouse	1,152,000	1,285,200	1,428,840	1,583,631	1,750,329	1,837,845	1,929,738
Facility 4 - Custom Hiring	3,942,000	4,139,100	4,346,055	4,563,358	4,791,526	5,031,102	5,282,657
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	65,000	68,250	75,246	87,106	111,378	150,630	193,588
<b>Total Revenue</b>	<b>22,382,977</b>	<b>28,295,992</b>	<b>33,980,514</b>	<b>40,167,084</b>	<b>46,898,773</b>	<b>54,124,092</b>	<b>61,954,755</b>
<b>Variable Cost</b>							
Facility 1 - Cleaning & Grading	14,050,088	17,930,501	21,520,210	25,424,064	29,664,502	34,265,424	39,252,278
Facility 2 - Processing Unit- Dal Mill	1,761,889	2,865,327	4,027,270	5,298,243	6,686,246	8,199,803	9,848,000
Facility 3 - Warehouse	348,000	365,400	383,670	402,854	422,996	444,146	466,353
Facility 4 - Custom Hiring	1,764,000	1,852,200	1,944,810	2,042,051	2,144,153	2,251,361	2,363,929
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	(54,390)	8,685	38,958	71,873	107,981	147,521	190,745
<b>Total Variable Cost</b>	<b>17,869,587</b>	<b>23,022,113</b>	<b>27,914,918</b>	<b>33,239,084</b>	<b>39,025,878</b>	<b>45,308,255</b>	<b>52,121,305</b>
<b>Fixed Cost</b>							
Facility 1 - Cleaning & Grading	432,000	453,600	476,280	500,094	525,099	551,354	578,921
Facility 2 - Processing Unit- Dal Mill	240,000	252,000	264,600	277,830	291,722	306,308	321,623
Facility 3 - Warehouse	120,000	126,000	132,300	138,915	145,861	153,154	160,811
Facility 4 - Custom Hiring	360,000	378,000	396,900	416,745	437,582	459,461	482,434
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Admin Expenses	622,000	653,100	685,755	720,043	756,045	793,847	833,539
<b>Total Fixed Cost</b>	<b>1,774,000</b>	<b>1,862,700</b>	<b>1,955,835</b>	<b>2,053,627</b>	<b>2,156,308</b>	<b>2,264,123</b>	<b>2,377,330</b>
<b>Total Cost</b>	<b>19,643,587</b>	<b>24,884,813</b>	<b>29,870,753</b>	<b>35,292,710</b>	<b>41,182,187</b>	<b>47,572,379</b>	<b>54,498,634</b>
<b>Profit Before Depreciation, Interest and Tax</b>	<b>2,739,390</b>	<b>3,411,179</b>	<b>4,109,761</b>	<b>4,874,374</b>	<b>5,716,587</b>	<b>6,551,714</b>	<b>7,456,120</b>
Depreciation	690,690	690,690	690,690	690,690	690,690	690,690	690,690
Amortization	40,000	40,000	40,000	40,000	40,000	-	-
<b>Profit Before Interest and Tax</b>	<b>2,008,700</b>	<b>2,680,489</b>	<b>3,379,071</b>	<b>4,143,684</b>	<b>4,985,897</b>	<b>5,861,024</b>	<b>6,765,431</b>
Interest on Term loan	302,906	367,524	388,635	410,771	433,883	457,448	481,651
<b>Profit Before Tax</b>	<b>1,705,794</b>	<b>2,312,965</b>	<b>2,990,436</b>	<b>3,732,913</b>	<b>4,552,014</b>	<b>5,403,576</b>	<b>6,283,780</b>
Less: Tax	136,904	359,419	590,173	829,796	1,082,779	1,338,751	1,597,581
<b>Profit After Tax</b>	<b>1,568,890</b>	<b>1,953,546</b>	<b>2,400,263</b>	<b>2,903,117</b>	<b>3,469,235</b>	<b>4,064,826</b>	<b>4,686,199</b>
<b>Cumulative Profit</b>	<b>1,568,890</b>	<b>3,522,436</b>	<b>5,922,699</b>	<b>8,825,816</b>	<b>12,295,051</b>	<b>16,359,877</b>	<b>21,046,076</b>

Projected Consolidated Profit and Loss account is to give a projection of how much money you will bring in by selling products or services and how much profit make from these sales.

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7.1 Balancesheet for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>ASSETS</b>							
<b>Current Assets</b>							
Cash and Bank Balance	2,554,789	5,062,990	7,995,582	11,405,871	15,353,930	19,825,637	24,882,724
Accounts Receivables							
Other Current Assets							
<b>Total Current Assets</b>	<b>2,554,789</b>	<b>5,062,990</b>	<b>7,995,582</b>	<b>11,405,871</b>	<b>15,353,930</b>	<b>19,825,637</b>	<b>24,882,724</b>
Gross Fixed Assets	15,338,312	14,647,622	13,956,933	13,266,243	12,575,553	11,884,864	11,194,174
Less: Depreciation	690,690	690,690	690,690	690,690	690,690	690,690	690,690
<b>Net Fixed Assets</b>	<b>14,647,622</b>	<b>13,956,933</b>	<b>13,266,243</b>	<b>12,575,553</b>	<b>11,884,864</b>	<b>11,194,174</b>	<b>10,503,484</b>
Preliminary & Pre- operative Expenses	160,000	120,000	80,000	40,000	0	0	0
<b>TOTAL ASSETS</b>	<b>17,362,411</b>	<b>19,139,922</b>	<b>21,341,825</b>	<b>24,021,424</b>	<b>27,238,794</b>	<b>31,019,811</b>	<b>35,386,208</b>
<b>LIABILITIES &amp; SHAREHOLDERS EQUITY</b>							
<b>CURRENT LIABILITIES</b>							
Short Term Debt (Working capital loan)							
Accounts Payable & Accrued Expenses							
Other Current Liabilities							
<b>Total Current Liabilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Secured Long Term Debt</b>	<b>1,453,389</b>	<b>1,277,354</b>	<b>1,078,994</b>	<b>855,476</b>	<b>603,610</b>	<b>319,802</b>	<b>0</b>
<b>Differed Tax Liabilities</b>							
<b>TOTAL LIABILITIES</b>	<b>1,453,389</b>	<b>1,277,354</b>	<b>1,078,994</b>	<b>855,476</b>	<b>603,610</b>	<b>319,802</b>	<b>0</b>
Share capital	5,017,145	5,017,145	5,017,145	5,017,145	5,017,145	5,017,145	5,017,145
Smart Grant -in-Aid	9,322,987	9,322,987	9,322,987	9,322,987	9,322,987	9,322,987	9,322,987
<b>Reserves and Surplus</b>							
Add: Opening Balance (P/L Account)	0	1,568,890	3,522,436	5,922,699	8,825,816	12,295,051	16,359,877
Profit & Loss) During the Year	1,568,890	1,953,546	2,400,263	2,903,117	3,469,235	4,064,826	4,686,199
Appropriation - Dividend							
<b>Total Reserves</b>	<b>1,568,890</b>	<b>3,522,436</b>	<b>5,922,699</b>	<b>8,825,816</b>	<b>12,295,051</b>	<b>16,359,877</b>	<b>21,046,076</b>
<b>TOTAL EQUITY</b>	<b>15,909,022</b>	<b>17,862,568</b>	<b>20,262,831</b>	<b>23,165,948</b>	<b>26,635,183</b>	<b>30,700,009</b>	<b>35,386,208</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>17,362,411</b>	<b>19,139,922</b>	<b>21,341,825</b>	<b>24,021,424</b>	<b>27,238,794</b>	<b>31,019,811</b>	<b>35,386,208</b>
<b>CONTROL TICKER</b>							
(=Liability - Asset)	0.00	0.00	0.00	0.00	0.00	0.00	0.00


A projected balance sheet, also referred to as pro forma balance sheet, lists specific account balances on a business' assets, liabilities and equity for a specified fu Using a projected balance sheet, financial personnel can present lenders and investors with detailed financial information about planned future asset expansion, easier to persuade capital providers to supply the required financing.

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**8.1 Cash Flow Statement for the Project**

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>1</b>	<b>Operating Profit</b>							
	Total Revenue	22,382,977	28,295,992	33,980,514	40,167,084	46,898,773	54,124,092	61,954,755
<b>2</b>	<b>Equity/ Share capital</b>	5,017,145						
	Reinvestment							
<b>3</b>	<b>Smart Grant -in-Aid</b>	9,322,987						
<b>4</b>	<b>Long Term Loan</b>	1,533,831						
<b>5</b>	<b>Short Term Loan</b>	1,006,954	1,688,253	2,050,228	2,444,334	2,873,163	3,335,729	3,837,371
	<b>Sub Total (A)</b>	<b>39,263,894</b>	<b>29,984,245</b>	<b>36,030,741</b>	<b>42,611,418</b>	<b>49,771,936</b>	<b>57,459,822</b>	<b>65,792,126</b>
	<b>Cash Outflow (Rs.)</b>							
<b>1</b>	<b>Capital Expenditure</b>							
a	Land and Building	9,216,312						
b	Machinery and Equipment	5,822,000						
c	Furniture & Fixture	150,000						
d	It Infrastructure	150,000						
e	Vehicle							
f	Preliminary Expenses	200,000						
<b>2</b>	<b>Operational Expenditure</b>							
a	Variable Cost	17,869,587	23,022,113	27,914,918	33,239,084	39,025,878	45,308,255	52,121,305
b	Fixed Cost	1,774,000	1,862,700	1,955,835	2,053,627	2,156,308	2,264,123	2,377,330
<b>3</b>	<b>Loan Repayment</b>							
	LTL - Principal	80,442	176,035	198,361	223,518	251,865	283,808	319,802
	LTL - Interest	182,072	164,933	142,608	117,451	89,103	57,160	21,166
	STL - Principal	1,006,954	1,688,253	2,050,228	2,444,334	2,873,163	3,335,729	3,837,371
	STL - Interest	120,834	202,590	246,027	293,320	344,780	400,287	460,485
<b>4</b>	<b>Tax</b>	136,904	359,419	590,173	829,796	1,082,779	1,338,751	1,597,581
	<b>Sub Total (B)</b>	<b>36,709,105</b>	<b>27,476,045</b>	<b>33,098,149</b>	<b>39,201,129</b>	<b>45,823,877</b>	<b>52,988,114</b>	<b>60,735,039</b>
	<b>Net Cash Flow (A-B)</b>	<b>2,554,789</b>	<b>2,508,201</b>	<b>2,932,592</b>	<b>3,410,289</b>	<b>3,948,059</b>	<b>4,471,707</b>	<b>5,057,087</b>
	Opening Cash and Bank		2,554,789	5,062,990	7,995,582	11,405,871	15,353,930	19,825,637
	<b>Cumulative Cash Balance</b>	<b>2,554,789</b>	<b>5,062,990</b>	<b>7,995,582</b>	<b>11,405,871</b>	<b>15,353,930</b>	<b>19,825,637</b>	<b>24,882,724</b>

A projected cash flow statement is used to evaluate cash inflows and outflows to deter. mine when, how much, and for how long cash deficits or surpluses will exist for a farm busin an upcoming time period.

  
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9.1 Internal Rate of Return

Particular	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Profit after Tax & Dividend		1,568,890	1,953,546	2,400,263	2,903,117	3,469,235	4,064,826	4,686,199
Add: Depreciation		690,690	690,690	690,690	690,690	690,690	690,690	690,690
Add: Preliminary expense written off		40,000	40,000	40,000	40,000	40,000	0	0
Net Cash Accrual (A)		2,299,580	2,684,236	3,130,953	3,633,807	4,199,925	4,755,515	5,376,889
Initial Investment/ Net Cash Accrual			2,299,580	2,684,236	3,130,953	3,633,807	4,199,925	4,755,515
IRR		12.14%						
Present Value Equivalent		0.89	0.80	0.71	0.63	0.56	0.50	0.45
Present Value of Future Inflows		2,050,635.85	2,134,522.63	2,220,223.64	2,297,852.19	2,368,327.89	2,391,321.58	2,411,079.45
Operating Net Cash Inflow								
Present Capital Outflow					15,873,963.24			
				0.00	15,873,963.24			

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The internal rate of return (IRR) is a ratio used in financial analysis to estimate the profitability of potential investments. IRR is a discount rate that makes the net present value (NPV) of all cash flows equal to zero in a discounted cash flow analysis.

### 9.2 Break even Point

Particulars	V1	V2	V3	V4	V5	V6	V7
Gross Receipts							
Facility 1 - Cleaning & Grading	14,924,295	19,081,497	22,902,160	27,057,186	31,570,459	36,467,416	41,775,143
Facility 2 - Processing Unit - Dal Mill	2,299,682	3,721,944	5,228,213	6,875,803	8,675,081	10,617,098	12,773,629
Facility 3 - Warehouse	1,152,000	1,285,200	1,428,840	1,583,631	1,750,329	1,837,845	1,929,738
Facility 4 - Custom Hiring	3,942,000	4,139,100	4,346,055	4,563,358	4,791,526	5,031,102	5,282,657
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Hort Comar	65,000	68,250	75,246	87,106	111,378	150,630	193,588
Total Receipts	22,882,977	28,295,992	33,980,514	40,167,084	46,898,773	54,124,092	61,954,755
Total Variable Exp	17,869,587	23,022,113	27,914,918	33,239,084	39,025,878	45,308,255	52,121,305
Contribution	4,513,390	5,273,879	6,065,596	6,928,000	7,872,895	8,815,837	9,833,450
Total Fixed exp	2,504,690	2,593,390	2,686,525	2,784,316	2,886,998	2,954,813	3,068,019
BEP	55%	49%	44%	40%	37%	34%	31%

Average BEP

41.51%

Break-even point (BEP) is a term in accounting that refers to the situation where a company's revenues and expenses were equal within a specific period. It means that there were no net profits or no net losses for the company. The main purpose of break-even analysis is to determine the minimum output that must be exceeded for a business to profit.

### 9.3 Net Present Value

Particulars	V1	V2	V3	V4	V5	V6	V7
Profit after Tax & Dividend	1,568,890	1,953,546	2,400,263	2,903,117	3,469,235	4,064,826	4,686,199
Add: Depreciation	690,690	690,690	690,690	690,690	690,690	690,690	690,690
Add: Preliminary exp Written off	40,000	40,000	40,000	40,000	40,000	0	0
Net Cash Accrual (AV)	2,299,580	2,684,236	3,130,953	3,633,807	4,199,925	4,755,515	5,376,889
PV Factor @ 10 %	0.91	0.83	0.75	0.68	0.62	0.56	0.51
Disc Cash Flow	2,090,527	2,218,377	2,352,331	2,481,939	2,607,823	2,684,364	2,759,194

Total Discounted Cash Flows

17,194,555

Present Value of Outflow

15,873,963

NPV

1,320,591.87

Net present value is the present value of the cash flows at the required rate of return of your project compared to your initial investment. If the NPV of a project or investment is positive, it means that the discounted present value of all future cash flows related to that project or investment will be positive.

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9.4 Return On Investments

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Profit	1,508,890	1,953,546	2,400,263	2,903,117	3,469,235	4,064,826	4,686,199
Average net profit	3006582.29						
Total Project cost	15873963.24						
ROI	18.94%						

Return on investment (ROI) is a performance measure used to evaluate the efficiency or profitability of an investment

9.5 Payback Period (In years) - Project

Particulars	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Initial Investment	15,873,963							
Profit after Tax & Dividend		1,568,890	1,953,546	2,400,263	2,903,117	3,469,235	4,064,826	4,686,199
Add: Depreciation		690,690	690,690	690,690	690,690	690,690	690,690	690,690
Add: Preliminary exp Written off		40,000	40,000	40,000	40,000	40,000	40,000	40,000
Net Cash Accrual (A)		2,299,580	2,684,236	3,130,953	3,633,807	4,199,925	4,755,515	5,376,889
Cashflow - Initial Investment	(15,873,963)	(10,890,148)	(7,759,195)	(4,125,988)				

Payback period (In years) - Project

4.98

The payback period refers to the amount of time it takes to recover the cost of an investment

9.6 Debt Service Coverage Ratio (DSCR)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Operating Income	2,739,390	3,411,179	4,109,761	4,874,374	5,716,587	6,551,714	7,456,120
Add Depreciation	690,690	690,690	690,690	690,690	690,690	690,690	690,690
Add: Amortization	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Investment on TL	182,072	164,933	142,608	117,451	89,103	57,160	21,166
Total	3,652,152	4,306,802	4,983,058	5,722,514	6,536,380	7,299,564	8,167,976
Total Annual EmI	262,514	340,968	340,968	340,968	340,968	340,968	340,968
Debt Service Coverage Ratio (DSCR)	13.91	12.63	14.61	16.78	19.17	21.41	23.96

Average DSCR

17.50

The debt service coverage ratio (DSCR) is a measurement of a firm's available cash flow to pay current debt obligations. The DSCR shows investors whether a company has enough income to pay its debts.

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9.7 Sensitivity Analysis

Quantity Variation (+5%)	V1	V2	V3	V4	V5	V6	V7
Facility 1 - Cleaning & Grading	15,670,510	20,035,572	24,047,268	28,410,045	33,148,982	38,290,787	43,863,900
Facility 2 - Processing Unit- DRI Mill	2,414,666	3,908,642	5,489,623	7,219,593	9,108,836	11,168,953	13,412,311
Facility 3 - Warehouse	1,209,600	1,349,460	1,509,282	1,662,813	1,837,845	1,929,738	2,026,225
Facility 4 - Custom Hiring	4,139,100	4,346,655	4,563,338	4,791,526	5,031,102	5,282,657	5,546,790
Facility 5 - Agri Input Centre			79,008	91,462	116,947	138,162	203,267
Facility 6 - Processing Unit - Horti Centre			35,679,539	42,175,438	49,243,712	56,830,297	65,052,493
Total Income	23,802,126	29,710,791	35,679,539	42,175,438	49,243,712	56,830,297	65,052,493
Expenditure							
Fixed Cost Excl. of Depreciation, Amort	1,774,000	1,862,700	1,955,835	2,053,627	2,156,308	2,264,123	2,377,330
Variable Cost	18,763,066	23,022,113	27,914,918	33,239,084	39,025,878	45,308,245	52,121,305
Total Operational Expenses	20,537,066	24,884,813	29,870,753	35,292,710	41,182,187	47,572,379	54,408,634
Net Income	2,965,059	4,825,978	5,698,786	6,882,728	8,061,525	9,257,918	10,643,858
Cost Variations (+5%)	V1	V2	V3	V4	V5	V6	V7
Facility 1 - Cleaning & Grading	14,924,295	19,081,497	22,902,160	27,057,186	31,570,459	36,467,416	41,775,143
Facility 2 - Processing Unit- DRI Mill	2,299,682	3,721,944	5,228,213	6,875,803	8,675,081	10,637,098	12,773,629
Facility 3 - Warehouse	1,152,000	1,285,200	1,428,840	1,583,631	1,750,329	1,837,845	1,929,738
Facility 4 - Custom Hiring	3,942,000	4,139,100	4,346,055	4,563,338	4,791,526	5,031,102	5,282,657
Facility 5 - Agri Input Centre			75,246	87,106	111,378	130,630	193,588
Facility 6 - Processing Unit - Horti Centre			33,980,514	40,167,084	46,898,773	54,124,092	61,954,755
Total Income	22,882,977	28,205,992	33,980,514	40,167,084	46,898,773	54,124,092	61,954,755
Expenditure							
Fixed Cost Excl. of Depreciation, Amort	1,774,000	1,862,700	1,955,835	2,053,627	2,156,308	2,264,123	2,377,330
Variable Cost	18,763,066	24,173,218	29,110,663	34,901,037	40,977,172	47,573,667	54,727,369
Total Operational Expenses	20,537,066	26,035,918	31,266,498	36,954,664	43,133,480	49,837,791	57,104,699
Net Income	1,845,910.45	2,260,073.09	2,714,014.79	3,212,419.40	3,765,292.52	4,286,301.09	4,850,055.73
Quantity Variation (+5%)	V1	V2	V3	V4	V5	V6	V7
Facility 1 - Cleaning & Grading	14,178,980	18,127,422	21,757,052	25,704,327	29,991,936	34,644,045	39,686,386
Facility 2 - Processing Unit- DRI Mill	2,184,608	3,535,847	4,966,802	6,532,013	8,241,327	10,105,244	12,134,948
Facility 3 - Warehouse	1,099,400	1,220,940	1,357,398	1,504,469	1,662,813	1,755,933	1,833,251
Facility 4 - Custom Hiring	3,744,900	3,952,145	4,128,752	4,335,190	4,551,949	4,779,547	5,018,524
Facility 5 - Agri Input Centre			64,838	71,483	82,751	105,809	143,090
Facility 6 - Processing Unit - Horti Centre			64,838	71,483	82,751	105,809	143,090
Total Income	21,563,828	26,881,102	32,281,488	38,158,730	44,533,835	51,417,888	58,857,017
Expenditure							
Fixed Cost Excl. of Depreciation, Amort	1,774,000	1,862,700	1,955,835	2,053,627	2,156,308	2,264,123	2,377,330
Variable Cost	16,976,108	21,871,007	26,519,172	31,577,129	37,074,585	43,042,842	49,515,239
Total Operational Expenses	18,750,108	23,733,707	28,475,007	33,630,756	39,230,893	45,306,966	51,892,569
Net Income	2,813,720	3,147,485	3,806,481	4,527,974	5,322,942	6,110,922	6,964,448
Cost Variations (+5%)	V1	V2	V3	V4	V5	V6	V7
Facility 1 - Cleaning & Grading	14,924,295	19,081,497	22,902,160	27,057,186	31,570,459	36,467,416	41,775,143
Facility 2 - Processing Unit- DRI Mill	2,299,682	3,721,944	5,228,213	6,875,803	8,675,081	10,637,098	12,773,629
Facility 3 - Warehouse	1,152,000	1,285,200	1,428,840	1,583,631	1,750,329	1,837,845	1,929,738
Facility 4 - Custom Hiring	3,942,000	4,139,100	4,346,055	4,563,338	4,791,526	5,031,102	5,282,657
Facility 5 - Agri Input Centre			75,246	87,106	111,378	130,630	193,588
Facility 6 - Processing Unit - Horti Centre			35,679,539	42,175,438	49,243,712	56,830,297	65,052,493
Total Income	23,802,126	29,710,791	35,679,539	42,175,438	49,243,712	56,830,297	65,052,493
Expenditure							
Fixed Cost Excl. of Depreciation, Amort	1,774,000	1,862,700	1,955,835	2,053,627	2,156,308	2,264,123	2,377,330
Variable Cost	16,976,108	21,871,007	26,519,172	31,577,129	37,074,585	43,042,842	49,515,239
Total Operational Expenses	18,750,108	23,733,707	28,475,007	33,630,756	39,230,893	45,306,966	51,892,569
Net Income	3,652,869	4,662,841	5,698,507	6,656,328	7,667,881	8,817,127	10,064,186

Sensitivity analysis is a financial model that determines how target variables are affected based on changes in Quantity or cost variance known as input variables. Here it is assume 5% (+/-) while calculating sensitivity analysis

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Grains Crops and Production Details

10.1 Details of members and non-members

Particulars	No.
Total No of Members Cultivating Grain Crops	250
Total No of Non-members Cultivating Grain Crops	750
Total	1000
Average Land Holding per Member (Acres)	2
Total Cultivated Land under grain Crop(Acres)	2000

10.2 Statement Showing Area, production, productivity and marketable Surplus of Crops

Season	Crop	Cultivation In Total land under Cultivation (In Acres)		Yield/Acres (in Quintals)	Total Production (in Quintals)	Consumption In (%)	Marketable Surplus (in Quintals)
		(%)	(In Acres)				
Kharif	Soybean	45%	975	15	14625	10%	13162.5
	Red Gram/Tur	10%	200	7	1400	5%	1330
	Paddy/Rice	0%	0	4	0	0%	0
	Green Gram/ Moong	5%	100	7	700	2%	686
	Maize	1%	20	20	400	0%	400
	Black Gram/Urdid	15%	300	7	2100	10%	1890
	Bajra	1%	20	6	120	2%	117.6
	Jawar	5%	100	1	100	0%	100
	Sunflower	5%	100	1	100	0%	100
	Wheat	10%	60	10	600	10%	540
	Bengal Gram/Channa	45%	270	10	2700	10%	2430
	Jawar	5%	30	10	300	5%	285
	Maize	0%	0	20	0	0%	0
	Safflower	5%	30	1	30	0%	30
	Area Under Summer Cultivation (In Acres)		100	0	0	0	0
Summer	Groundnut	5%	15	1	15	0%	15
		15%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0

Note- Please note the crops/fruits/vegetable grown in the FPC catchment which has marketable Surplus

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10.3 Quantity of Marketable Surplus Produce Considered for Trading Business

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	3948.75	4606.875	5265	5923.125	6581.25	7239.375	7897.5
Red Gram/Tur	399	465.5	532	598.5	665	731.5	798
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	205.8	240.1	274.4	308.7	343	377.3	411.6
Maize	120	140	160	180	200	220	240
Black Gram/Udid	567	661.5	756	850.5	945	1039.5	1134
Bajra	35.28	41.16	47.04	52.92	58.8	64.68	70.56
Jawar	30	35	40	45	50	55	60
Sunflower	30	35	40	45	50	55	60
Wheat	162	189	216	243	270	297	324
Bengal Gram/Channa	729	850.5	972	1093.5	1215	1336.5	1458
Jawar	85.5	99.75	114	128.25	142.5	156.75	171
Maize	0	0	0	0	0	0	0
Safflower	9	10.5	12	13.5	15	16.5	18
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Groundnut	4.5	5.25	6	6.75	7.5	8.25	9
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0

*Signature*  
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10.4 Quantity of Marketable Surplus Produce Considered for Processing Business


Particulars	Quantity (Metric Tons)						
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	133	199.5	266	332.5	399	465.5	532
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	68.6	102.9	137.2	171.5	205.8	240.1	274.4
Maize	40	60	80	100	120	140	160
Black Gram/Udid	189	283.5	378	472.5	567	661.5	756
Barra	11.76	17.64	23.52	29.4	35.28	41.16	47.04
Jawar	10	15	20	25	30	35	40
Sunflower	10	15	20	25	30	35	40
Wheat	54	81	108	135	162	189	216
Bengal Gram/Channa	243	364.5	486	607.5	729	850.5	972
Maize	28.5	42.75	57	71.25	85.5	99.75	114
Jawar	0	0	0	0	0	0	0
Safflower	0	4.5	6	7.5	9	10.5	12
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Groundnut	1.5	2.25	3	3.75	4.5	5.25	6
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0

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Particulars	10.5 Crop-wise Area Considered for Agri Input Service Centre						
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	633.75	682.5	731.25	780	828.75	877.5	926.25
Red Gram/Tur	130	140	150	160	170	180	190
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	65	70	75	80	85	90	95
Maize	13	14	15	16	17	18	19
Black Gram/Udid	195	210	225	240	255	270	285
Barja	13	14	15	16	17	18	19
Jawar	65	70	75	80	85	90	95
Sunflower	65	70	75	80	85	90	95
Wheat	39	42	45	48	51	54	57
Bengal Gram/Channa	175.5	189	202.5	216	229.5	243	256.5
Jawar	19.5	21	22.5	24	25.5	27	28.5
Maize	0	0	0	0	0	0	0
Safflower	19.5	21	22.5	24	25.5	27	28.5
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Groundnut	9.75	10.5	11.25	12	12.75	13.5	14.25
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0

Assumptions:

- 1 30% of total produce of the cluster will be trade in first year and it will increase every year by 5 %
- 2 10% of total produce of the cluster will be Process in first year and it will increase every year by 5 %
- 3 65% of total land of members is considered for Agri input service centre business

  
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**Fruit & Vegetables Crop Production Details**

**11.1 Details of members and non-members**

Particulars	No.
Total No. of Members Cultivating F & V	250
Total No. of Non-members Cultivating F & V	100
<b>Total</b>	<b>350</b>
Average Land Holding per member (Acres)	1
<b>Total Cultivated Land Under F &amp; V (Acres)</b>	<b>350</b>

**11.2 Statement Showing Area, production, productivity and marketable Surplus of Crops**

Season	Crop	Cultivation In Total Land under		Yield/Acres (In Quintals)	Total Production (In Quintals)	Consumption in (%)	Marketable Surplus (In Quintals)
		(%)	Cultivation (In Acres)				
Kharif	Onion	4%	14	15	210	10%	189
	Tomato	10%	35	7	245	5%	232.75
	Okra	5%	17.5	4	70	0%	70
	Chilli	5%	17.5	7	122.5	2%	120.05
	Potato	10%	35	20	700	0%	700
		0%	0	7	0	10%	0
		0%	0	6	0	2%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
<b>Area Under Vegetables in Rabi Season (In Acres)</b>							
	Onion	15%	0	10	0	10%	0
	Tomato	15%	0	10	0	10%	0
	Okra	10%	0	10	0	5%	0
	Chilli	5%	0	20	0	0%	0
	Brinjal	0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
<b>Area Under Vegetables in Summer Season (In Acres)</b>							
Summer		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
<b>Area Under Fruit Crops (In Acres)</b>							
	Pomegranate	0%	0	6	0	5%	0
	Custard Apple	0%	0	0	0	0%	0
	Guava	0%	0	0	0	0%	0
	Citrus	0%	0	0	0	0%	0

Note- Please note the crops/fruits/vegetable grown in the FPC catchment which has marketable surplus

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11.3 Quantity of Marketable Surplus Produce Considered for Trading Business

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Onion	66.15	75.6	85.05	94.5	103.95	113.4	122.85
Tomato	81.4625	93.1	104.7375	116.375	128.0125	139.65	151.2875
Okra	24.5	28	31.5	35	38.5	42	45.5
Chilli	42.0175	48.02	54.0225	60.025	66.0275	72.03	78.0325
Potato	245	280	315	350	385	420	455
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Onion	0	0	0	0	0	0	0
Tomato	0	0	0	0	0	0	0
Okra	0	0	0	0	0	0	0
Chilli	0	0	0	0	0	0	0
Birinjil	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Pomegranate	0	0	0	0	0	0	0
Custard Apple	0	0	0	0	0	0	0
Gueava	0	0	0	0	0	0	0
Citrus	0	0	0	0	0	0	0

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11.5 Crop-wise Area Considered for Agri Input Service Centre

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Onion	9.1	9.8	10.5	11.2	11.9	12.6	13.3
Tomato	22.75	24.5	26.25	28	29.75	31.5	33.25
Okra	11.375	12.25	13.125	14	14.875	15.75	16.625
Chilli	11.375	12.25	13.125	14	14.875	15.75	16.625
Potato	22.75	24.5	26.25	28	29.75	31.5	33.25
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Onion	0	0	0	0	0	0	0
Tomato	0	0	0	0	0	0	0
Okra	0	0	0	0	0	0	0
Chilli	0	0	0	0	0	0	0
Brinjal	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Pomegranate	0	0	0	0	0	0	0
Custard Apple	0	0	0	0	0	0	0
Guava	0	0	0	0	0	0	0
Citrus	0	0	0	0	0	0	0

Assumptions:

- 1 35% of total produce of the cluster will be trade in first year and it will increase every year by 5 %
- 2 5% of total produce of the cluster will be Process in first year and it will increase every year by 5 %
- 3 65% of total land of members is considered for Agri input service centre business

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**Facility 2 - Grain Processing Unit - CLEANING GRADING & PROCESSING**

**13.1 Producers/ Capacity Utilization**

2 Qlts P Hour

Capacity  
No. of Hours

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	50	74	99	124	149	173	198
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	133	199.5	266	332.5	399	465.5	532
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	68.6	102.9	137.2	171.5	205.8	240.1	274.4
Maize	40	60	80	100	120	140	160
Black Gram/Udid	189	283.5	378	472.5	567	661.5	756
Bajra	11.76	17.64	23.52	29.4	35.28	41.16	47.04
Jawar	10	15	20	25	30	35	40
Sunflower	10	15	20	25	30	35	40
Wheat	54	81	108	135	162	189	216
Bengal Gram/Channa	243	364.5	486	607.5	729	850.5	972
Jawar	28.5	42.75	57	71.25	85.5	99.75	114
Maize	0	0	0	0	0	0	0
Safflower	3	4.5	6	7.5	9	10.5	12
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Groundnut	1.5	2.25	3	3.75	4.5	5.25	6
	0	0	0	0	0	0	0
Total Quantity to be Processed	792.36	1188.54	1584.72	1980.9	2377.08	2773.26	3169.44
<b>Job Work (50%)</b>	<b>396</b>	<b>594</b>	<b>792</b>	<b>990</b>	<b>1,189</b>	<b>1,387</b>	<b>1,585</b>
Quantity for Processing and Trading for PC	50%	50%	50%	50%	50%	50%	50%
<b>Job Work for sale (50%)</b>	<b>396</b>	<b>594</b>	<b>792</b>	<b>990</b>	<b>1,189</b>	<b>1,387</b>	<b>1,585</b>
Soybean	-	-	-	-	-	-	-
Red Gram/Tur	67	100	133	166	200	233	266
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	34	51	69	86	103	120	137
Maize	20	30	40	50	60	70	80
Black Gram/Udid	95	142	189	236	284	331	378
Bajra	6	9	12	15	18	21	24
Jawar	5	8	10	13	15	18	20
Sunflower	5	8	10	13	15	18	20
Wheat	27	41	54	68	81	95	108

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Bengal Gram/Channa	122	182	243	304	365	425	486
Jawar	14	21	29	36	43	50	57
Maize	-	-	-	-	-	-	-
Saflower	2	2	3	4	5	5	6
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
Groundnut	1	1	2	2	2	3	3
	0	-	-	-	-	-	-
Output (KG)							
Soybean							
Red Gram/Tur							
Dal (80%)	53.20	79.80	106.40	133.00	159.60	186.20	212.80
Husk and Powder	13.30	19.95	26.60	33.25	39.90	46.55	53.20
Paddy/Rice							
Green Gram/Moong							
Dal (80%)	27	41	55	69	82	96	110
Husk and Powder	7	10	14	17	21	24	27
Maize							
Black Gram/Udid							
Dal (80%)	76	113	151	189	227	265	302
Husk and Powder	19	28	38	47	57	66	76

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13.2 Facility 2 - Profit and loss of Grain Processing Unit - CLEANING GRADING

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue									
Pulses									
Bengal Gram	50 Kg	3500	646,380	1,053,770	1,481,528	1,949,429	2,460,416	3,017,627	3,624,409
Red Gram	50 Kg	3750	379,050	617,951	868,798	1,143,184	1,442,836	1,769,596	2,125,425
Black Gram	50 Kg	4000	574,560	936,684	1,316,914	1,732,826	2,187,036	2,682,335	3,221,697
Green Gram	50 Kg	4000	208,544	339,982	477,991	628,952	793,813	973,588	1,169,357
Husk and Powder	Kg	10	253,440	399,168	558,835	733,471	924,174	1,132,113	1,358,535
Job Work Charges	Kg	6	237,708	374,390	524,146	687,942	866,807	1,061,838	1,274,206
Revenue			2,299,682	3,721,944	5,228,213	6,875,803	8,675,081	10,637,098	12,773,629
Expenses									
Variable Cost									
Bengal Gram	Quintals	4,800	583,200	918,540	1,285,956	1,687,817	2,126,650	2,605,146	3,126,175
Red gram	Quintals	5,800	385,700	607,478	850,469	1,116,240	1,406,462	1,722,916	2,067,500
Black gram	Quintals	5,800	548,100	863,258	1,208,561	1,586,236	1,998,657	2,448,355	2,938,026
Green Gram	Quintals	6,200	212,660	334,940	468,915	615,451	775,469	949,949	1,139,939
Oil (Liters)	2	100	15,847	24,959	34,943	45,863	57,787	70,789	84,947
Daily Labour	3	300	44,570	70,198	98,277	128,989	162,526	199,095	238,914
Electricity Charges	0	8	-	-	-	-	-	-	-
Loading/Unloading Charges	10	7,924	7,924	12,480	17,472	22,931	28,894	35,395	42,474
packaging Exp	20	9,040	9,040	14,238	19,933	26,162	32,965	40,382	48,458
Transportation Charges	100	45,200	45,200	71,190	99,666	130,812	164,823	201,908	242,289
Add: Opening Stock			90,352	90,352	142,304	199,226	261,484	329,470	403,601
Less: Closing Stock			90,352	142,304	199,226	261,484	329,470	403,601	484,522
Total Variable Cost			1,761,889	2,865,327	4,027,270	5,298,243	6,686,246	8,199,803	9,848,000

100%      105.00%      110.25%      115.76%      121.55%      127.63%      134.01%

**Facility 3 - Warehouse  
14.1 Capacity Utilization**

Capacity 1,000.00 MT

No. of Month 12

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Capacity Utilisation	80%	82%	90%	95%	100%	100%	100%
Total Quantity Stored per Annum	9,600	10,200	10,800	11,400	12,000	12,000	12,000


**14.2 Facility 3 - Profit and loss of Warehouse**

Particulars	Unit	Rate	100%	105.00%	110.25%	115.76%	121.55%	127.63%	134.01%
			Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Vegetable</b>									
Storage Charges per MT per Month		120	1,152,000	1,285,200	1,428,840	1,583,631	1,750,329	1,837,845	1,929,738
<b>Total Revenue</b>			1,152,000	1,285,200	1,428,840	1,583,631	1,750,329	1,837,845	1,929,738
<b>Expenses</b>									
<b>Variable Cost</b>									
Dunnage	MT	15	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Fumigation	MT	14	168,000	176,400	185,220	194,481	204,205	214,415	225,136
Electricity		10,000	120,000	126,000	132,300	138,915	145,861	153,154	160,811
<b>Total Variable Cost</b>			348,000	365,400	383,670	402,854	422,996	444,146	466,353
<b>Fixed Cost</b>									
Warehouse Manager	1	10,000	120,000	126,000	132,300	138,915	145,861	153,154	160,811
<b>Total Fixed Cost</b>			120,000	126,000	132,300	138,915	145,861	153,154	160,811
<b>Total Expenses</b>			468,000	491,400	515,970	541,769	568,857	597,300	627,165
<b>Operating profit</b>			684,000	793,800	912,870	1,041,863	1,181,472	1,240,546	1,302,573

This sheet provide details capacity utilization of machines and also sale, expenses and operating profit of Dal Mill activity

Assumption:

- 1 Revenue and cost is related to this facility only
- 2 Common expenditure such as admin, depreciation and amortization not considered.
- 3 Inflation is assumed to be 5% annually.

  
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Facility 5 - Agri Input

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Area under crop (In Acres)</b>							
<b>Kharif Crops</b>							
Soybean	634	683	731	780	829	878	926
Red Gram/Tur	130	140	150	160	170	180	190
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	65	70	75	80	85	90	95
Maize	13	14	15	16	17	18	19
Black Gram/Udid	195	210	225	240	255	270	285
Bajra	13	14	15	16	17	18	19
Jawar	65	70	75	80	85	90	95
<b>Rabi Crop</b>							
Wheat	39	42	45	48	51	54	57
Bengal Gram/Channa	176	189	203	216	230	243	257
Jawar	20	21	23	24	26	27	29
Maize	-	-	-	-	-	-	-
Safflower	20	21	23	24	26	27	29
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
<b>Summer</b>							
Groundnut	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
<b>Fruit &amp; Vegetables Crop Production Details</b>							
Onion	9	10	11	11	12	13	13
Tomato	23	25	26	28	30	32	33
Okra	11	12	13	14	15	16	17
Chilli	11	12	13	14	15	16	17
Potato	23	25	26	28	30	32	33
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-

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Revenue	Seeds (Rate/KG)																			
	<b>Kharif Crops</b>																			
	Soybean		90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Red Gram/Tur		80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Paddy/Rice		65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Green Gram/ Moong		85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maize		37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Black Gram/Udid		75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bajra		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jawar		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Rabi Crop</b>																			
	Wheat		40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bengal Gram/Channa		75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jawar		27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maize		27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Safflower		27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Summer</b>																			
	Groundnut		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Fruit &amp; Vegetables Crop Production Details</b>																			
	Onion			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tomato			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Okra			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chilli			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Potato		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Onion			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tomato			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Okra			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chilli			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Brinjal		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Job Work (50%)	Quantity for sale (50%)																		
Onion	9	-	-	-	0	0	-	1	-	-	-	1	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Okra	4	-	-	7	11	14	-	18	-	-	-	21	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potato	35	-	-	70	105	140	-	175	-	-	-	210	-	-	-	-	-	-	245
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brinjil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pomegranate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Citrus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Output (KG)																			
Onion																			
Tomato																			
Okra																			
Chilli																			



Pomegranate Arils 1 Kg  
Pomegranate Juice 1 Ltrs  
Pomegranate Peel Powder 1 Kg

17.2 Activity 6 - Profit and loss of F & V Processing Unit

100%      108.00%      110.25%      114.76%      121.55%      127.63%      134.01%

Particulars	Unit	Rate	V1	V2	V3	V4	V5	V6	V7
Revenue									
SALE	Quintals	150	65,000	68,250	75,246	87,106	105,878	135,130	181,088
SALE	Ltrs	40	-	-	-	-	5,500	15,500	12,500
Pomegranate Powder	Kg	50	-	-	-	-	-	-	-
Revenue			65,000	68,250	75,246	87,106	111,378	150,630	193,588
Expenses									
Variable Cost									
Pomegranate	Quintals	5,000	-	-	-	-	-	-	-
Other Consumables	Quintals	2000	-	-	-	-	-	-	-
Daily Labour	5	300	35,963	60,638	95,880	134,131	175,967	221,652	271,465
Electricity Charges	0	8	-	-	-	-	-	-	-
Loading/Unloading Charges	Quintals	10	-	-	-	-	-	-	-
packaging Exp		2	-	-	-	-	-	-	-
Transportation Charges		1	-	-	-	-	-	-	-
Add: Opening Stock			90,352	142,304	142,304	199,226	261,484	329,470	403,601
Less: Closing Stock			90,352	142,304	199,226	261,484	329,470	403,601	484,322
Total Variable Cost			(54,390)	8,685	38,958	71,873	107,981	147,521	190,745
Fixed Cost									
Machine Operator	1	-	-	-	-	-	-	-	-
Support Staff	2	-	-	-	-	-	-	-	-
Fixed Cost			(44,390)	8,685	38,958	71,873	107,981	147,521	190,745
Total expenses			-	-	-	-	-	-	-
Operating Profit			119,390	59,565	36,287	15,233	3,397	3,109	2,843

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Assumption:

- 1 Revenue and cost is related to this facility only
- 2 Common expenditure such as admin, depreciation and amortization not considered.
- 3 Inflation is assumed to be 5% annually.

This sheet provide details capacity utilization of machines and also sale, expenses and operating profit

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