

1.1 Total Project Cost

Sr. No.	Particular	Amount (Rs.)	Grant (%)	Grant Amount (Rs.)	
1	Land and Building	16,588,700	60%	9,953,220	
2	Machinery and Equipment	16,485,947	60%	9,891,568	
3	Furniture and Fixture		60%	-	Not allowed
4	IT & It Infrastructure		60%	-	Not allowed
5	Transport vehical (Refer van and other)	-	60%	-	
6	Preliminary Expenses	1,653,732	60%	992,239	5% of Project Cost
7	Working Capital				
Total		34,728,379		20,837,028	

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		20,837,028
2	Bank Finance - Long Term Loan	35%	11,576,126
3	Own Contribution	5%	2,315,225
Total			34,728,379

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)	47.10%	Project Viable	BEP shall be less than 60%	40-60%
2	Avg. Return on Capital Employed Average (ROCE)	13.66%	Project Viable	RoCE for the project shall be more than 20%	>12%
3	Internal Rate of Return (IRR)	10.56%	Project Viable	The project internal rate of return shall be more than 12%	10%-15%
4	Net present value (at a discount rate of 10 per cent)	779,149	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	5.30	Project Viable	The Pack Back Period (Project/ Equity) shall be less than 7 years	<7 years
6	Debt Service Coverage Ratio (DSCR)	2.50	Project Viable	DSCR shall be more than 2 for better performing project.	1.5-2.5

2.1 Land and Building

Sr. No.	Particular	Unit	No. of Unit	Rate per unit	Amount (Rs.)
1	Land	Sq. ft.	20000		Lease
2	BUILDING	Sq. ft.	10,000	1,659	16,588,700
Total					16,588,700

This Sheet provide details of land and various construction, including area, rate per unit and total amount

2.2 Machinery and Equipment

Sr. No.	Description	Capacity	No. Required	Rate	Amount (Rs.)	Total HP
A	Custom Hiring				-	
					-	
Subtotal					-	-
B	Dal Mill Unit					
	DAL MILL	1000 KG PER HR	1	5,516,500	5,516,500	84
	FLOUR MILL	500 KG PER HR	1	1,624,140	1,624,140	60.5
	PACKING MACHINE		1	1,196,520	1,196,520	5
	LOADING UNLOADING MACHINE		1	450,000	450,000	10
	ERRECTION INSTALATION OF MACHINS			1,250,000	1,250,000	0
	10% CONTENGENCIES			1,472,031	1,472,031	
					-	
					-	

	Subtotal				11,509,191	160
C	Cleaning & Grading				-	
	CLEANING MACHINE	1000kg PER Hour	1	2,570,930	2,570,930	16
					-	
	Subtotal				2,570,930	16
D	ELECTRIFICATION	200 KVA	1	955,826	955,826	
	GENERATOR	160 KVA	1	1,450,000	1,450,000	
					-	
	Subtotal				2,405,826	-
Total					16,485,947	176

This Sheet provide details of Plant & Machinery, including Capacity, rate per machine, Power Consumption and total amount

1.6 Preliminary Expenses

Sr. No.	Particular	Amount (Rs.)
1	Pre-operative	1,653,732
2	CONVEYANCE	
3	TRAVELING	
4	PRE-OP INTEREST	
5	OTHER EXPENSES	
Total		1,653,732

Preliminary expenses are considered as prior expenses before the beginning of business or Projects

3.1 Schedule of General Admin Expenses

Particulars	Unit	No.of Unit	Unit Cost	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Manager	No.	1	15,000	180,000	189,000	198,450	208,373	218,791	229,731	241,217
Accountant	No.	1	15,000	180,000	189,000	198,450	208,373	218,791	229,731	241,217
Watchmen	No.	2	10,000	240,000	252,000	264,600	277,830	291,722	306,308	321,623
Telephone and internet Exp	Months	12	1,500	18,000	18,900	19,845	20,837	21,879	22,973	24,122
Office Electricity Exp	Months	12	1,000	12,000	12,600	13,230	13,892	14,586	15,315	16,081
Printing & Stationary	Months	12	1,000	12,000	12,600	13,230	13,892	14,586	15,315	16,081
Land Lease	Months	12	1,750	21,000	22,050	23,153	24,310	25,526	26,802	28,142
Misc.expenses	Months	12	1,500	18,000	18,900	19,845	20,837	21,879	22,973	24,122
Audit and Legal Compliances expenses	Lumsum	1	50,000	50,000	52,500	55,125	57,881	60,775	63,814	67,005
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Total Admin Expense				731,000	767,550	805,928	846,224	888,535	932,962	979,610

3.2 Depreciation

As per companies Act

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Assets							
Building							
Asset Value	16,588,700	16,062,838	15,536,976	15,011,115	14,485,253	13,959,391	13,433,529
Depreciation	525,862	525,862	525,862	525,862	525,862	525,862	525,862
Accumulated Depreciation	525,862	1,051,724	1,577,585	2,103,447	2,629,309	3,155,171	3,681,033
Net Fixed Assets	16,062,838	15,536,976	15,011,115	14,485,253	13,959,391	13,433,529	12,907,667
Plant and Machinery							
Asset Value	16,485,947	15,442,387	14,398,826	13,355,266	12,311,705	11,268,145	10,224,584
Depreciation	1,043,560	1,043,560	1,043,560	1,043,560	1,043,560	1,043,560	1,043,560
Accumulated Depreciation	1,043,560	2,087,121	3,130,681	4,174,242	5,217,802	6,261,363	7,304,923
Net Fixed Assets	15,442,387	14,398,826	13,355,266	12,311,705	11,268,145	10,224,584	9,181,024
Furniture and Electrification							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-

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Net Fixed Assets	-	-	-	-	-	-	-
Veohical							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-
Net Fixed Assets	-	-	-	-	-	-	-
IT Infrastructure							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-
Net Fixed Assets	-	-	-	-	-	-	-
Gross Fixed Asset	33,074,647	31,505,225	29,935,803	28,366,380	26,796,958	25,227,536	23,658,114
Total Depreciation	1,569,422	1,569,422	1,569,422	1,569,422	1,569,422	1,569,422	1,569,422
Accumalated Depreciation	1,569,422	3,138,844	4,708,267	6,277,689	7,847,111	9,416,533	10,985,956
Net Fixed Assets	31,505,225	29,935,803	28,366,380	26,796,958	25,227,536	23,658,114	22,088,691

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Assets							
Building							
Asset Value	16,588,700	14,929,830	13,436,847	12,093,162	10,883,846	9,795,461	8,815,915
Depreciation	1,658,870	1,492,983	1,343,685	1,209,316	1,088,385	979,546	881,592
Accumulated Depreciation	1,658,870	3,151,853	4,495,538	5,704,854	6,793,239	7,772,785	8,654,376
Net Fixed Assets	14,929,830	13,436,847	12,093,162	10,883,846	9,795,461	8,815,915	7,934,324
Plant and Machinery							
Asset Value	16,485,947	14,013,055	11,911,097	10,124,432	8,605,767	7,314,902	6,217,667
Depreciation	2,472,892	2,101,958	1,786,665	1,518,665	1,290,865	1,097,235	932,650
Accumulated Depreciation	2,472,892	4,574,850	6,361,515	7,880,180	9,171,045	10,268,280	11,200,930
Net Fixed Assets	14,013,055	11,911,097	10,124,432	8,605,767	7,314,902	6,217,667	5,285,017
Furniture and Electrification							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-
Net Fixed Assets	-	-	-	-	-	-	-

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	-	-					
Vehical							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-
Net Fixed Assets	-	-	-	-	-	-	-
IT Infrastructure							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-
Net Fixed Assets	-	-	-	-	-	-	-
Gross Fixed Asset	33,074,647	28,942,885	25,347,944	22,217,595	19,489,613	17,110,364	15,033,582
Total Depreciation	4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Accumalated Depreciation	4,131,762	7,726,703	10,857,052	13,585,034	15,964,283	18,041,065	19,855,306
Net Fixed Assets	28,942,885	25,347,944	22,217,595	19,489,613	17,110,364	15,033,582	13,219,341

	Companies Act	IT Act
Amortization: Straight Line Method (SLM) is used	SLM	WDV
Depreciation: Straight Line Method (SLM) is used		
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	330,746	330,746	330,746	330,746	330,746	-	-
Total Value		330,746	330,746	330,746	330,746	330,746	-	-

3.4 Tax Schedule

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
EBT	-730,876	1,504,859	3,788,784	6,179,220	8,698,557	11,511,243	13,912,437
Add Depreciation as per companies Act	4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Less Depreciation as per IT Act	4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Taxable Income	-730,876	1,504,859	3,788,784	6,179,220	8,698,557	11,511,243	13,912,437
Provision of Taxes	0	201,236	985,084	1,606,597	2,261,625	2,992,923	3,617,234
Maximum Tax rate	26%						

This Sheet refer for provision of tax calculation

4.1 Repayment Schedule

Loan Amount (Rs)	12,128,257
Interest rate /PA	12%
Loan Tenure in years	5
Moratorium Period (In Months)	6
EMI	Rs. 288,753.00

Year	Particulars	Opening Balance	Interest	Principal Repayment	EMI	Closing Outstanding
Year 1	Month 1	12,128,257	116,229	-	116,229	12,128,257
	Month 2	12,128,257	116,229	-	116,229	12,128,257
	Month 3	12,128,257	116,229	-	116,229	12,128,257
	Month 4	12,128,257	116,229	-	116,229	12,128,257
	Month 5	12,128,257	116,229	-	116,229	12,128,257
	Month 6	12,128,257	116,229	-	116,229	12,128,257
	Month 7	12,128,257	116,229	172,524	288,753	11,955,733
	Month 8	11,955,733	114,576	174,177	288,753	11,781,556
	Month 9	11,781,556	112,907	175,846	288,753	11,605,709
	Month 10	11,605,709	111,221	177,532	288,753	11,428,178
	Month 11	11,428,178	109,520	179,233	288,753	11,248,945
	Month 12	11,248,945	107,802	180,951	288,753	11,067,994
Year 2	Month 13	11,067,994	106,068	182,685	288,753	10,885,309

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	Month 14	10,885,309	104,318	184,435	288,753	10,700,874
	Month 15	10,700,874	102,550	186,203	288,753	10,514,671
	Month 16	10,514,671	100,766	187,987	288,753	10,326,684
	Month 17	10,326,684	98,964	189,789	288,753	10,136,895
	Month 18	10,136,895	97,145	191,608	288,753	9,945,287
	Month 19	9,945,287	95,309	193,444	288,753	9,751,843
	Month 20	9,751,843	93,455	195,298	288,753	9,556,545
	Month 21	9,556,545	91,584	197,169	288,753	9,359,376
	Month 22	9,359,376	89,694	199,059	288,753	9,160,317
	Month 23	9,160,317	87,786	200,967	288,753	8,959,350
	Month 24	8,959,350	85,860	202,893	288,753	8,756,457
Year 3	Month 25	8,756,457	83,916	204,837	288,753	8,551,620
	Month 26	8,551,620	81,953	206,800	288,753	8,344,820
	Month 27	8,344,820	79,971	208,782	288,753	8,136,039
	Month 28	8,136,039	77,970	210,783	288,753	7,925,256
	Month 29	7,925,256	75,950	212,803	288,753	7,712,453
	Month 30	7,712,453	73,911	214,842	288,753	7,497,611
	Month 31	7,497,611	71,852	216,901	288,753	7,280,711

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	Month 32	7,280,711	69,773	218,980	288,753	7,061,731
	Month 33	7,061,731	67,675	221,078	288,753	6,840,653
	Month 34	6,840,653	65,556	223,197	288,753	6,617,456
	Month 35	6,617,456	63,417	225,336	288,753	6,392,121
	Month 36	6,392,121	61,258	227,495	288,753	6,164,625
Year 4	Month 37	6,164,625	59,078	229,675	288,753	5,934,950
	Month 38	5,934,950	56,877	231,876	288,753	5,703,074
	Month 39	5,703,074	54,654	234,099	288,753	5,468,975
	Month 40	5,468,975	52,411	236,342	288,753	5,232,633
	Month 41	5,232,633	50,146	238,607	288,753	4,994,026
	Month 42	4,994,026	47,859	240,894	288,753	4,753,133
	Month 43	4,753,133	45,551	243,202	288,753	4,509,930
	Month 44	4,509,930	43,220	245,533	288,753	4,264,398
	Month 45	4,264,398	40,867	247,886	288,753	4,016,512
	Month 46	4,016,512	38,492	250,261	288,753	3,766,250
	Month 47	3,766,250	36,093	252,660	288,753	3,513,591
	Month 48	3,513,591	33,672	255,081	288,753	3,258,510
Year 5	Month 49	3,258,510	31,227	257,526	288,753	3,000,984

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Month 50	3,000,984	28,759	259,994	288,753	2,740,990
Month 51	2,740,990	26,268	262,485	288,753	2,478,505
Month 52	2,478,505	23,752	265,001	288,753	2,213,505
Month 53	2,213,505	21,213	267,540	288,753	1,945,964
Month 54	1,945,964	18,649	270,104	288,753	1,675,860
Month 55	1,675,860	16,060	272,693	288,753	1,403,167
Month 56	1,403,167	13,447	275,306	288,753	1,127,861
Month 57	1,127,861	10,809	277,944	288,753	849,917
Month 58	849,917	8,145	280,608	288,753	569,309
Month 59	569,309	5,456	283,297	288,753	286,012
Month 60	286,012	2,741	286,012	288,753	(0)

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 the principal 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

5.1 Closing and Opening Stock Calculation

Particulars		Y1	Y2	Y3	Y4	Y5	Y6	Y7
Opening Stock								
Agri Input			-	-	-	-	-	-
Trading			417,619	511,583	613,900	725,169	846,030	977,165
Grain Processing			167,706	204,741	244,891	288,379	335,445	386,341
Horticulture Processing			-	-	-	-	-	-
Total			585,325	716,324	858,791	1,013,548	1,181,475	1,363,506
Closing Stock								
Agri Input		-	-	-	-	-	-	-
Trading	2%	417,619	511,583	613,900	725,169	846,030	977,165	1,119,298
Grain Processing	2%	167,706	204,741	244,891	288,379	335,445	386,341	441,338
Horticulture Processing		-	-	-	-	-	-	-
Total		585,325	716,324	858,791	1,013,548	1,181,475	1,363,506	1,560,636

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%

5.2 Working Capital Calculation

Sr. No.	Particulars	Duration (In days)	Amount (Rs.)							
			Y1	Y2	Y3	Y4	Y5	Y6	Y7	
A	Accounts Receivables (Debtors)									
1	Agri Input	5	-	-	-	-	-	-	-	-
2	Custom Hiring		-	-	-	-	-	-	-	-
3	Cleaning & Grading	2	120,164	149,762	179,778	212,422	247,880	286,354	328,055	
4	Dal Mill	10	376,372	465,456	557,267	656,802	764,613	881,287	1,007,451	
5	Warehouse	10	-	-	-	-	-	-	-	-
6	Processing Unit - Horti Commodity	10	-	-	-	-	-	-	-	-
	Subtotal		496,536	615,218	737,045	869,224	1,012,493	1,167,641	1,335,505	
B	Closing Stock		585,325	716,324	858,791	1,013,548	1,181,475	1,363,506	1,560,636	
	Total		1,081,861	1,331,543	1,595,836	1,882,772	2,193,968	2,531,146	2,896,142	
C	Accounts Payable & Accrued Expenses (Creditors)									
1	Agri Input	5	-	-	-	-	-	-	-	-
2	Custom Hiring	7	-	-	-	-	-	-	-	-

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3	Cleaning & Grading	2	113,245	141,013	169,273	200,006	233,389	269,611	308,871
4	Dal Mill	10	232,442	288,111	344,504	405,597	471,725	543,249	620,548
5	Warehouse	10	-	-	-	-	-	-	-
	Processing Unit - Horti Commodity	10	-	-	-	-	-	-	-
	Total		345,687	429,124	513,777	605,603	705,115	812,860	929,419
D	Working Capital		736,174	902,419	1,082,059	1,277,169	1,488,853	1,718,287	1,966,722
	Own Contribution	25%	184,043	225,605	270,515	319,292	372,213	429,572	491,681
	Loan from Bank	75%	552,130	676,814	811,544	957,877	1,116,640	1,288,715	1,475,042

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 provide requirement of working capital for running business

Asumption:

- 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

6.1 Consolidated Profit and loss account for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue							
Facility 1 - Cleaning & Grading	21,929,970	27,331,542	32,809,534	38,766,996	45,238,180	52,259,565	59,869,993
Facility 2 - Processing Unit- Dal Mill	13,737,569	16,989,162	20,340,249	23,973,268	27,908,359	32,166,972	36,771,944
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Revenue	35,667,540	44,320,704	53,149,782	62,740,264	73,146,539	84,426,537	96,641,937
Variable Cost							
Facility 1 - Cleaning & Grading	20,667,128	25,734,850	30,892,261	36,501,075	42,593,540	49,203,999	56,369,020
Facility 2 - Processing Unit- Dal Mill	8,484,149	10,516,057	12,574,401	14,804,281	17,217,978	19,828,574	22,650,003
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Variable Cost					59,811,519	69,032,574	

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	29,151,277	36,250,907	43,466,661	51,305,356			79,019,023
Fixed Cost							
Facility 1 - Cleaning & Grading	84,000	88,200	92,610	97,241	102,103	107,208	112,568
Facility 2 - Processing Unit- Dal Mill	600,000	630,000	661,500	694,575	729,304	765,769	804,057
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Admin Expenses	731,000	767,550	805,928	846,224	888,535	932,962	979,610
Total Fixed Cost	1,415,000	1,485,750	1,560,038	1,638,039	1,719,941	1,805,938	1,896,235
Total Cost	30,566,277	37,736,657	45,026,699	52,943,395	61,531,460	70,838,512	80,915,259
Profit Before Depreciation ,Interest and Tax	5,101,263	6,584,046	8,123,083	9,796,868	11,615,079	13,588,024	15,726,678
Depreciation	4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Amortization	330,746	330,746	330,746	330,746	330,746	-	-
Profit Before Interest and Tax	638,754	2,658,359	4,661,988	6,738,141	8,905,083	11,511,243	13,912,437

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Interest on Term loan	1,369,630	1,153,499	873,204	558,920	206,526	(0)	(0)
Profit Before Tax	(730,876)	1,504,859	3,788,784	6,179,220	8,698,557	11,511,243	13,912,437
Less. Tax	0	201,236	985,084	1,606,597	2,261,625	2,992,923	3,617,234
Profit After Tax	(730,876)	1,303,624	2,803,700	4,572,623	6,436,932	8,518,320	10,295,203
Less:Dividend	-	85,912	420,555	685,893	965,540	1,277,748	1,544,280
Cumuilative Profit	(730,876)	1,217,711	2,383,145	3,886,730	5,471,392	7,240,572	8,750,923

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 you will make from these sales.

7.1 Balancesheet for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<u>ASSETS</u>							
Current Assets							
Cash and Bank Balance	2,671,370	5,336,988	8,409,756	12,253,987	16,965,182	26,053,101	36,369,830
Accounts Receivables	496,536	615,218	737,045	869,224	1,012,493	1,167,641	1,335,505
Other Current Assets	585,325	716,324	858,791	1,013,548	1,181,475	1,363,506	1,560,636
Total Current Assets	3,753,231	6,668,530	10,005,592	14,136,759	19,159,150	28,584,248	39,265,972
Gross Fixed Assets	33,074,647	28,942,885	25,347,944	22,217,595	19,489,613	17,110,364	15,033,582
Less: Depreciation	4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Net Fixed Assets	28,942,885	25,347,944	22,217,595	19,489,613	17,110,364	15,033,582	13,219,341
Preliminary & Pre- operative Expenses	1,322,986	992,239	661,493	330,746	0	0	0
TOTAL ASSETS	34,019,101	33,008,713	32,884,679	33,957,119	36,269,513	43,617,830	52,485,312
<u>LIABILITIES & SHAREHOLDERS EQUITY</u>							
CURRENT LIABILITIES							
Short Term Debt (Working capital loan)							
Accounts Payable & Accrued Expenses	345,687	429,124	513,777	605,603	705,115	812,860	929,419
Other Current Liabilities							
Total Curent Liabilities	345,687	429,124	513,777	605,603	705,115	812,860	929,419
Secured Long Term Debt	11,067,994	8,756,457	6,164,625	3,258,510	0	0	0
Differed Tax Liabilities							

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TOTAL LIABILITIES	11,413,681	9,185,581	6,678,402	3,864,112	705,115	812,860	929,419
Share capital	2,499,269	2,499,269	2,499,269	2,499,269	2,499,269	2,499,269	2,499,269
Smart Grant -in-Aid	20,837,028	20,837,028	20,837,028	20,837,028	20,837,028	20,837,028	20,837,028
Reserves and Surplus							
Add: Opening Balance (P/L Account)	0	-730,876	486,836	2,869,981	6,756,710	12,228,102	19,468,674
Profit & Loss) During the Year	-730,876	1,303,624	2,803,700	4,572,623	6,436,932	8,518,320	10,295,203
Appropriation - Dividend	0	85,912	420,555	685,893	965,540	1,277,748	1,544,280
Total Reserves	-730,876	486,836	2,869,981	6,756,710	12,228,102	19,468,674	28,219,597
TOTAL EQUITY	22,605,420	23,823,132	26,206,277	30,093,007	35,564,399	42,804,970	51,555,893
TOTAL LIABILITIES & EQUITY	34,019,101	33,008,713	32,884,679	33,957,119	36,269,513	43,617,830	52,485,312
<u>CONTROL TICKER</u>							
(=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 future time. Using a projected balance sheet, financial personnel can present lenders and investors with detailed financial information about planned future asset expansion, making it easier to persuade capital providers to supply the required financing.

8.1 Cash Flow Statement for the Project

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1	Operating Profit							
	Total Revenue	35,667,540	44,320,704	53,149,782	62,740,264	73,146,539	84,426,537	96,641,937
2	Equity/ Share capital	2,499,269						
	Reinvestment							
3	Smart Grant -in-Aid	20,837,028						
4	Long Term Loan	12,128,257						
5	Increase In accounts payable	345,687	83,437	84,653	91,826	99,512	107,745	116,560
	Sub Total (A)	71,477,780	44,404,141	53,234,435	62,832,089	73,246,051	84,534,281	96,758,497
Cash Outflow (Rs.)								
1	Capital Expenditure							
a	Building	16,588,700						
b	Plant& Machinery	16,485,947						
c	Furniture & Fixture	-						
d	It Infrastructure	-						
e	Vehicle	-						
f	Premilinary Expenses	1,653,732						
2	Operational Expenditure							
a	Variable Cost	29,151,277	36,250,907	43,466,661	51,305,356	59,811,519	69,032,574	79,019,023
b	Fixed Cost	1,415,000	1,485,750	1,560,038	1,638,039	1,719,941	1,805,938	1,896,235
3	Loan Repayment							

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	LTL - Principal	1,060,263	2,311,537	2,591,832	2,906,116	3,258,510	0	0
	LTL - Interest	1,369,630	1,153,499	873,204	558,920	206,526	(0)	(0)
	STL - Principal							
	STL - Interest							
4	Tax	0	201,236	985,084	1,606,597	2,261,625	2,992,923	3,617,234
5	Accounts Receivable	496,536	118,682	121,827	132,178	143,269	155,148	167,865
6	Closing Stock	585,325	130,999	142,466	154,758	167,927	182,031	197,130
7	Dividend	-	85,912	420,555	685,893	965,540	1,277,748	1,544,280
	Sub Total (B)	68,806,410	41,738,523	50,161,667	58,987,858	68,534,856	75,446,362	86,441,768
	Net Cash Flow (A-B)	2,671,370	2,665,618	3,072,768	3,844,231	4,711,195	9,087,920	10,316,729
	Opening Cash and Bank		2,671,370	5,336,988	8,409,756	12,253,987	16,965,182	26,053,101
	Cumulative Cash Balance	2,671,370	5,336,988	8,409,756	12,253,987	16,965,182	26,053,101	36,369,830

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

9.1 Internal Rate of Return

Particular	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Profit after Tax & Diividend		-730,875.89	1,303,623.58	2,803,700.03	4,572,623.14	6,436,931.86	8,518,319.71	10,295,203.19
Add: Deprication		4,131,762.05	3,594,941.24	3,130,349.21	2,727,981.06	2,379,249.71	2,076,781.49	1,814,241.57
Add: Preliminary expense written off		330,746.47	330,746.47	330,746.47	330,746.47	330,746.47	0.00	0.00
Net Cash Accrual (A)		3,731,632.63	5,229,311.30	6,264,795.71	7,631,350.67	9,146,928.04	10,595,101.19	12,109,444.76
Initial Investment/ Net Cash Accrual	(34,728,379.3500)	3,731,632.63	5,229,311.30	6,264,795.71	7,631,350.67	9,146,928.04	10,595,101.19	12,109,444.76
IRR	10.56%							
Present Value Equivalent		0.90	0.82	0.74	0.67	0.61	0.55	0.50
Presnt Value of Future Inflows		3,375,132.75	4,277,878.54	4,635,353.34	5,107,040.70	5,536,498.01	5,800,387.01	5,996,088.99
Operating Net Cash Inflow		34,728,379.35						

Present Capital Outflow

34,728,379.35

0.00

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	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Gross Receipts							
Facility 1 - Cleaning & Grading	21,929,970	27,331,542	32,809,534	38,766,996	45,238,180	52,259,565	59,869,993
Facility 2 - Processing Unit- Dal Mill	13,737,569	16,989,162	20,340,249	23,973,268	27,908,359	32,166,972	36,771,944
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Receipts	35,667,540	44,320,704	53,149,782	62,740,264	73,146,539	84,426,537	96,641,937
Total Variable Exp	29,151,277	36,250,907	43,466,661	51,305,356	59,811,519	69,032,574	79,019,023
Contribution	6,516,263	8,069,796	9,683,121	11,434,907	13,335,021	15,393,963	17,622,914
Total Fixed exp	5,877,509	5,411,438	5,021,133	4,696,767	4,429,938	3,882,720	3,710,477
BEP	90%	67%	52%	41%	33%	25%	21%

Average BEP

47.10%

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

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Profit after Tax & Dividend	-730,876	1,303,624	2,803,700	4,572,623	6,436,932	8,518,320	10,295,203
Add: Depreciation	4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Add. Preliminary exp Written off	330,746	330,746	330,746	330,746	330,746	0	0
Net Cash Accrual (A)	3,731,633	5,229,311	6,264,796	7,631,351	9,146,928	10,595,101	12,109,445
PV Factor @ 10 %	0.91	0.83	0.75	0.68	0.62	0.56	0.51
Disc Cash Flow	3,392,393	4,321,745	4,706,834	5,212,315	5,679,523	5,980,658	6,214,060

Total Discounted Cash Flows 35,507,528

Present Value of Outflow 34,728,379

NPV 779,148.71

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.

9.4 Return On Investments

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Profit	(730,876)	1,303,624	2,803,700	4,572,623	6,436,932	8,518,320	10,295,203
Average net profit	4742789.37						
Total Project cost	34728379.35						
ROI	13.66%						

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	34,728,379							
Profit after Tax & Dividend		(730,876)	1,303,624	2,803,700	4,572,623	6,436,932	8,518,320	10,295,203
Add: Depreciation		4,131,762	3,594,941	3,130,349	2,727,981	2,379,250	2,076,781	1,814,242
Add. Preliminary exp Written off		330,746	330,746	330,746	330,746	330,746	-	-
Net Cash Accrual (A)		3,731,633	5,229,311	6,264,796	7,631,351	9,146,928	10,595,101	12,109,445
Cashflow - Initial Investment		(30,996,747)	(25,767,435)	(19,502,640)	(11,871,289)	(2,724,361)		

Payback period (in years) - Project

5.30

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	5,101,263	6,584,046	8,123,083	9,796,868	11,615,079	13,588,024	15,726,678
Total	5,101,263	6,584,046	8,123,083	9,796,868	11,615,079	13,588,024	15,726,678
Total Annual EMI	2,429,893	3,465,036	3,465,036	3,465,036	3,465,036	-	-
Debt Service Coverage Ratio (DCSR)	2.10	1.90	2.34	2.83	3.35		

Average DSCR

2.50

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.

9.7 Sensitivity Analysis

Quantity Variation (+5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	23,026,469	28,698,119	34,450,010	40,705,345	47,500,089	54,872,543	62,863,493
Facility 2 - Processing Unit- Dal Mill	14,424,448	17,838,620	21,357,261	25,171,931	29,303,777	33,775,320	38,610,541
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	37,450,917	46,536,739	55,807,271	65,877,277	76,803,866	88,647,863	101,474,034
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	1,415,000	1,485,750	1,560,038	1,638,039	1,719,941	1,805,938	1,896,235
Variable Cost	30,608,841	36,250,907	43,466,661	51,305,356	59,811,519	69,032,574	79,019,023
Total Operational Expenses	32,023,841	37,736,657	45,026,699	52,943,395	61,531,460	70,838,512	80,915,259
Net Income	5,427,076	8,800,081	10,780,573	12,933,881	15,272,406	17,809,351	20,558,775

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Cost Variation (+5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	21,929,970	27,331,542	32,809,534	38,766,996	45,238,180	52,259,565	59,869,993
Facility 2 - Processing Unit- Dal Mill	13,737,569	16,989,162	20,340,249	23,973,268	27,908,359	32,166,972	36,771,944
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	35,667,540	44,320,704	53,149,782	62,740,264	73,146,539	84,426,537	96,641,937
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	1,415,000.00	1,485,750.00	1,560,037.50	1,638,039.38	1,719,941.34	1,805,938.41	1,896,235.33
Variable Cost	30,608,840.85	38,063,452.74	45,639,994.50	53,870,623.86	62,802,094.46	72,484,202.51	82,969,974.41
Total Operational Expenses	32,023,840.85	39,549,202.74	47,200,032.00	55,508,663.23	64,522,035.80	74,290,140.92	84,866,209.74
Net Income	3,643,698.82	4,771,500.89	5,949,750.34	7,231,600.28	8,624,503.26	10,136,395.64	11,775,727.15

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Quantity Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	20,833,472	25,964,965	31,169,057	36,828,646	42,976,271	49,646,587	56,876,494
Facility 2 - Processing Unit- Dal Mill	13,050,691	16,139,704	19,323,236	22,774,605	26,512,941	30,558,623	34,933,346
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	33,884,163	42,104,668	50,492,293	59,603,250	69,489,212	80,205,210	91,809,840
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	1,415,000	1,485,750	1,560,038	1,638,039	1,719,941	1,805,938	1,896,235
Variable Cost	27,693,713	34,438,362	41,293,328	48,740,088	56,820,943	65,580,945	75,068,072
Total Operational Expenses	29,108,713	35,924,112	42,853,366	50,378,128	58,540,884	67,386,884	76,964,307
Net Income	4,775,450	6,180,556	7,638,927	9,225,123	10,948,328	12,818,326	14,845,533

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Cost Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	21,929,970	27,331,542	32,809,534	38,766,996	45,238,180	52,259,565	59,869,993
Facility 2 - Processing Unit- Dal Mill	13,737,569	16,989,162	20,340,249	23,973,268	27,908,359	32,166,972	36,771,944
Facility 3 - Warehouse	-	-	-	-	-	-	-
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	35,667,540	44,320,704	53,149,782	62,740,264	73,146,539	84,426,537	96,641,937
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	1,415,000	1,485,750	1,560,038	1,638,039	1,719,941	1,805,938	1,896,235
Variable Cost	27,693,713	34,438,362	41,293,328	48,740,088	56,820,943	65,580,945	75,068,072
Total Operational Expenses	29,108,713	35,924,112	42,853,366	50,378,128	58,540,884	67,386,884	76,964,307
Net Income	6,558,827	8,396,592	10,296,416	12,362,136	14,605,655	17,039,653	19,677,629

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

Grains Crops and Production Details

10.1 Details of members and non- members

Particulars	No.
Total No.of Members Cultivating Grain Crops	251
Total No.of Non- members Cultivating Grain Crops	500
Total	751
Average Land Holding per Member (Acres)	3
Total Cultivated Land under grain Crop(Acres)	2253

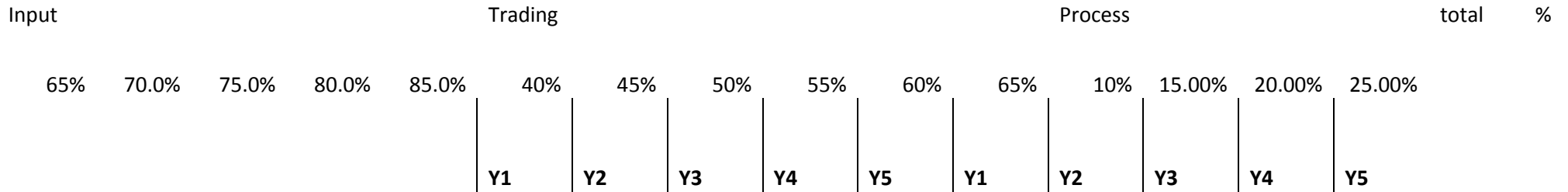
10.2 Statement Showing Area,production,productivity and marketable Surplus of Crops

Season	Crop	Cultivation In (%)	Total Land under Cultivaion (In Acres)	Yield/Acres (In Quintals)	Total Production (In Quintals)	Consumption in (%)	Marketable Surplus (In Quintals)
Kharif	Soybean	15%	337.95	10	3379.5	5%	3210.525
	Red Gram/Tur	10%	225.3	8	1802.4	5%	1712.28
	Paddy/Rice	0%	0	0	0	0%	0
	Green Gram/ Moong	5%	112.65	6	675.9	2%	662.382
	Maize	20%	450.6	25	11265	0%	11265
	Black Gram/Udid	2%	45.06	7	315.42	10%	283.878
	Bajra	2%	45.06	12	540.72	2%	529.9056
	Jawar	2%	45.06	12	540.72	2%	529.9056
	Sunflower	0%	0	0	0	0%	0
Area Under Rabbi Cultivation (In Acres)	50%	1126.5					
Rabbi	Wheat	15%	168.975	15	2534.625	10%	2281.1625
	Bengal Gram/Channa	35%	394.275	12	4731.3	5%	4494.735
	Jawar	5%	56.325	10	563.25	5%	535.0875
	Maize	15%	168.975	20	3379.5	0%	3379.5
	Safflower	0%	0	0	0	0%	0

Rajbhavan F.P.C.L.

		0%	0		0	0%	0
		0%	0		0	0%	0
		0%	0		0	0%	0
Area Under Summer Cultivation (In Acres)	5%	112.65					
Summer	Groundnut	0%	0		0	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



10.3 Quantity of Marketable Surplus Produce Considered for Trading Business

Particulars	30%	35%	40%	45%	50%	55%	60%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	963.1575	1123.68375	1284.21	1444.73625	1605.2625	1765.78875	1926.315
Red Gram/Tur	513.684	599.298	684.912	770.526	856.14	941.754	1027.368
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	198.7146	231.8337	264.9528	298.0719	331.191	364.3101	397.4292
Maize	3379.5	3942.75	4506	5069.25	5632.5	6195.75	6759
Black Gram/Udid	85.1634	99.3573	113.5512	127.7451	141.939	156.1329	170.3268
Bajra	158.97168	185.46696	211.96224	238.45752	264.9528	291.44808	317.94336
Jawar	158.97168	185.46696	211.96224	238.45752	264.9528	291.44808	317.94336
Sunflower	0	0	0	0	0	0	0
Wheat	684.34875	798.406875	912.465	1026.523125	1140.58125	1254.639375	1368.6975
Bengal Gram/Channa	1348.4205	1573.15725	1797.894	2022.63075	2247.3675	2472.10425	2696.841
Jawar	160.52625	187.280625	214.035	240.789375	267.54375	294.298125	321.0525
Maize	1013.85	1182.825	1351.8	1520.775	1689.75	1858.725	2027.7
Safflower	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

10.4 Quantity of Marketable Surplus Produce Considered for Processing Business

Particulars	30%	35%	40%	45%	50%	55%	60%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	513.684	599.298	684.912	770.526	856.14	941.754	1027.368
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	198.7146	231.8337	264.9528	298.0719	331.191	364.3101	397.4292
Maize	3379.5	3942.75	4506	5069.25	5632.5	6195.75	6759
Black Gram/Udid	85.1634	99.3573	113.5512	127.7451	141.939	156.1329	170.3268

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Bajra	158.97168	185.46696	211.96224	238.45752	264.9528	291.44808	317.94336
Jawar	158.97168	185.46696	211.96224	238.45752	264.9528	291.44808	317.94336
Sunflower	0	0	0	0	0	0	0
Wheat	684.34875	798.406875	912.465	1026.523125	1140.58125	1254.639375	1368.6975
Bengal Gram/Channa	1348.4205	1573.15725	1797.894	2022.63075	2247.3675	2472.10425	2696.841
Jawar	160.52625	187.280625	214.035	240.789375	267.54375	294.298125	321.0525
Maize	1013.85	1182.825	1351.8	1520.775	1689.75	1858.725	2027.7
Safflower	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

Facility 3 - Trading Unit
12.1 Producers/ Capacity Utilization

		Tentative Wastage Percentage					
Capacity	10	Quinatal/Hour					
No. of Hours	6						
No. of Working Days	300						
Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	144.42	168.49	192.56	216.63	240.70	264.77	288.84
Soybean	963	1,124	1,284	1,445	1,605	1,766	1,926
Red Gram/Tur	514	599	685	771	856	942	1,027
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	199	232	265	298	331	364	397
Maize	3,380	3,943	4,506	5,069	5,633	6,196	6,759
Black Gram/Udid	85	99	114	128	142	156	170
Bajra	159	185	212	238	265	291	318
Jawar	159	185	212	238	265	291	318
Sunflower	-	-	-	-	-	-	-
Wheat	684	798	912	1,027	1,141	1,255	1,369
Bengal Gram/Channa	1,348	1,573	1,798	2,023	2,247	2,472	2,697
Jawar	161	187	214	241	268	294	321
Maize	1,014	1,183	1,352	1,521	1,690	1,859	2,028
Safflower	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Total Grains Quantity to be Processed	8,665	10,110	11,554	12,998	14,442	15,886	17,331

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Fruit & Vegetables Crop Production Details								
Onion	-	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-
Chilli								
Brinjal	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-								
Pomegranate	-	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-	-
Citrus	-	-	-	-	-	-	-	-
Total F & V Quantity to be Processed	-	-	-	-	-	-	-	-
Job Work for Grains	20%	20%	20%	20%	20%	20%	20%	20%
Quantity for trading of Grains	80%	80%	80%	80%	80%	80%	80%	80%
Job Work (90%)	1,733	2,022	2,311	2,600	2,888	3,177	3,466	
Quantity for sale (10%)								

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Soybean	771	899	1,027	1,156	1,284	1,413	1,541
Red Gram/Tur	411	479	548	616	685	753	822
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	159	185	212	238	265	291	318
Maize	2,704	3,154	3,605	4,055	4,506	4,957	5,407
Black Gram/Udid	68	79	91	102	114	125	136
Bajra	127	148	170	191	212	233	254
Jawar	127	148	170	191	212	233	254
Sunflower	-	-	-	-	-	-	-
Wheat	547	639	730	821	912	1,004	1,095
Bengal Gram/Channa	1,079	1,259	1,438	1,618	1,798	1,978	2,157
Jawar	128	150	171	193	214	235	257
Maize	811	946	1,081	1,217	1,352	1,487	1,622
Safflower	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details							
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-

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Chilli	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-
-							
Pomegranate	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Citrus	-	-	-	-	-	-	-
Output							
Soybean	755.12	880.97	1,006.82	1,132.67	1,258.53	1,384.38	1,510.23
Red Gram/Tur	402.73	469.85	536.97	604.09	671.21	738.34	805.46
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	155.79	181.76	207.72	233.69	259.65	285.62	311.58
Maize	2,649.53	3,091.12	3,532.70	3,974.29	4,415.88	4,857.47	5,299.06
Black Gram/Udid	66.77	77.90	89.02	100.15	111.28	122.41	133.54
Bajra	124.63	145.41	166.18	186.95	207.72	228.50	249.27
Jawar	124.63	145.41	166.18	186.95	207.72	228.50	249.27
Sunflower	-	-	-	-	-	-	-
Wheat	536.53	625.95	715.37	804.79	894.22	983.64	1,073.06
Bengal Gram/Channa	1,057.16	1,233.36	1,409.55	1,585.74	1,761.94	1,938.13	2,114.32
Jawar	125.85	146.83	167.80	188.78	209.75	230.73	251.71
Maize	794.86	927.33	1,059.81	1,192.29	1,324.76	1,457.24	1,589.72
Safflower	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details							

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Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-
Pomegranate	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Citrus	-	-	-	-	-	-	-

12.2 Facility 1 - Profit and loss of Trading

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

Particulars		Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue									
Soybean	Quintals	6,350	4,699,084	5,857,072	7,031,004	8,307,686	9,694,459	11,199,140	12,830,053
Red Gram/Tur	Quintals	6,650	2,624,580	3,271,352	3,927,028	4,640,093	5,414,648	6,255,058	7,165,972

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Paddy/Rice	Quintals		-	-	-	-	-	-	-
Green Gram/ Moong	Quintals	6,550	1,000,030	1,246,466	1,496,296	1,767,991	2,063,116	2,383,333	2,730,414
Maize	Quintals	1,900	4,933,421	6,149,157	7,381,631	8,721,980	10,177,910	11,757,628	13,469,872
Black Gram/Udid	Quintals	5,200	340,250	424,098	509,099	601,541	701,954	810,905	928,996
Bajra	Quintals	3,050	372,530	464,333	557,399	658,610	768,550	887,837	1,017,131
Jawar	Quintals	3,580	437,265	545,020	654,258	773,058	902,101	1,042,117	1,193,879
Sunflower	Quintals		-	-	-	-	-	-	-
Wheat	Quintals	2,550	1,340,787	1,671,195	2,006,153	2,370,428	2,766,115	3,195,445	3,660,792
Bengal Gram/Channa	Quintals	5,850	6,060,708	7,554,239	9,068,334	10,714,953	12,503,562	14,444,245	16,547,738
Jawar	Quintals		-	-	-	-	-	-	-
Maize	Quintals		-	-	-	-	-	-	-
Safflower	Quintals		-	-	-	-	-	-	-
Groundnut	Quintals		-	-	-	-	-	-	-
Job Work Charges	Quintals	70	121,314	148,610	178,332	210,655	245,764	283,857	325,146
Fruit & Vegetables Crop Production Details									
Onion	Quintals	-	-	-	-	-	-	-	-
Tomato	Quintals	-	-	-	-	-	-	-	-
Okra	Quintals								

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		-	-	-	-	-	-	-	-
Chilli	Quintals	6,200	-	-	-	-	-	-	-
Potato	Quintals	-	-	-	-	-	-	-	-
Onion	Quintals	-	-	-	-	-	-	-	-
Tomato	Quintals	-	-	-	-	-	-	-	-
Okra	Quintals	-	-	-	-	-	-	-	-
Chilli	Quintals	6,200	-	-	-	-	-	-	-
Brinjal	Quintals	-	-	-	-	-	-	-	-
Pomegranate	Quintals	5,500	-	-	-	-	-	-	-
Custard Apple	Quintals	4,500	-	-	-	-	-	-	-
Guava	Quintals	1,400	-	-	-	-	-	-	-
Citrus	Quintals		-	-	-	-	-	-	-
Total Revenue			21,929,970	27,331,542	32,809,534	38,766,996	45,238,180	52,259,565	59,869,993
Expenses									
Variable Cost									
Soybean	Quintals	6,000	4,623,156	5,663,366	6,796,039	8,027,821	9,365,792	10,817,489	12,390,942
Red Gram/Tur	Quintals	6,150	2,527,325	3,095,973	3,715,168	4,388,542	5,119,966	5,913,561	6,773,715
Paddy/Rice	Quintals		-	-	-	-	-	-	-

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Green Gram/ Moong	Quintals	5,850	929,984	1,139,231	1,367,077	1,614,860	1,884,003	2,176,023	2,492,536
Maize	Quintals	1,550	4,190,580	5,133,461	6,160,153	7,276,680	8,489,460	9,805,327	11,231,556
Black Gram/Udid	Quintals	4,750	323,621	396,436	475,723	561,948	655,605	757,224	867,366
Bajra	Quintals	1,550	197,125	241,478	289,774	342,295	399,344	461,243	528,332
Jawar	Quintals	1,950	247,996	303,795	364,554	430,629	502,401	580,273	664,676
Sunflower	Quintals		-	-	-	-	-	-	-
Wheat	Quintals	1,750	958,088	1,173,658	1,408,390	1,663,660	1,940,937	2,241,782	2,567,860
Bengal Gram/Channa	Quintals	4,580	4,940,613	6,052,251	7,262,701	8,579,065	10,008,909	11,560,290	13,241,787
Jawar	Quintals		-	-	-	-	-	-	-
Maize	Quintals		-	-	-	-	-	-	-
Safflower	Quintals		-	-	-	-	-	-	-
Groundnut	Quintals		-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details									
Onion	Quintals	-	-	-	-	-	-	-	-
Tomato	Quintals	-	-	-	-	-	-	-	-
Okra	Quintals	-	-	-	-	-	-	-	-
Chilli	Quintals	6,000	-	-	-	-	-	-	-

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Potato	Quintals	-	-	-	-	-	-	-	-	
Onion	Quintals	-	-	-	-	-	-	-	-	
Tomato	Quintals	-	-	-	-	-	-	-	-	
Okra	Quintals	-	-	-	-	-	-	-	-	
Chilli	Quintals	6,000	-	-	-	-	-	-	-	
Brinjal	Quintals	-	-	-	-	-	-	-	-	
-	Quintals	-	-	-	-	-	-	-	-	
Pomegranate	Quintals	5,000	-	-	-	-	-	-	-	
Custard Apple	Quintals	4,000	-	-	-	-	-	-	-	
Guava	Quintals	1,200	-	-	-	-	-	-	-	
Citrus	Quintals	-	-	-	-	-	-	-	-	
0	Quintals	-	-	-	-	-	-	-	-	
0		-	-	-	-	-	-	-	-	
Daily Labour		6	300	259,959	318,450	382,140	451,403	526,637	608,266	696,741
Electricity Charges		1047.384	10	1,512,651	1,852,997	2,223,597	2,626,624	3,064,394	3,539,375	4,054,194
Gunny Bags/100 Kg			25	169,840	208,054	249,665	294,917	344,069	397,400	455,204
Transporation Cost/100 Kg			30	203,808	249,665	299,598	353,900	412,883	476,880	546,245

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Add: Opening Stock				417,619	511,583	613,900	725,169	846,030	977,165
Less: Closing Stock			417,619	511,583	613,900	725,169	846,030	977,165	1,119,298
Total Variable Cost			20,667,128	25,734,850	30,892,261	36,501,075	42,593,540	49,203,999	56,369,020
Fixed Cost									
Machine Operator	1	7,000	84,000	88,200	92,610	97,241	102,103	107,208	112,568
Total Fixed Cost			84,000	88,200	92,610	97,241	102,103	107,208	112,568
Total Expenses			20,751,128	25,823,050	30,984,871	36,598,316	42,695,643	49,311,207	56,481,588
Operaing Income			1,178,843	1,508,492	1,824,663	2,168,680	2,542,537	2,948,358	3,388,405
			5.76	5.84	5.84	5.84	5.85	5.85	5.85

1. Inflation is assumed to be 5% anually.

This sheet provide details capacity utilization of machines and also sale, expenses and operating profit of trading 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% anually.

Facility 2 - Grain Processing Unit - Dal Mill
13.1 Producers/ Capacity Utilization

Capacity 10 Qtls P Hour
 No. of Hours 6

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	128	150	171	193	214	235	257
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	513.684	599.298	684.912	770.526	856.14	941.754	1027.368
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	198.7146	231.8337	264.9528	298.0719	331.191	364.3101	397.4292
Maize	3379.5	3942.75	4506	5069.25	5632.5	6195.75	6759
Black Gram/Udid	85.1634	99.3573	113.5512	127.7451	141.939	156.1329	170.3268
Bajra	158.97168	185.46696	211.96224	238.45752	264.9528	291.44808	317.94336
Jawar	158.97168	185.46696	211.96224	238.45752	264.9528	291.44808	317.94336
Sunflower	0	0	0	0	0	0	0
Wheat	684.34875	798.40688	912.465	1026.523125	1140.58125	1254.639375	1368.6975
Bengal Gram/Channa	1348.4205	1573.1573	1797.894	2022.63075	2247.3675	2472.10425	2696.841
Jawar	160.52625	187.28063	214.035	240.789375	267.54375	294.298125	321.0525
Maize	1013.85	1182.825	1351.8	1520.775	1689.75	1858.725	2027.7
Safflower	0	0	0	0	0	0	0
Groundnut	0	0	0	0	0	0	0
	0	0	0	0	0	0	0

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Total Quantity to be Processed	7702.1509	8985.8427	10269.53448	11553.22629	12836.9181	14120.60991	15404.30172
Job Work (50%)	50%	50%	50%	50%	50%	50%	50%
Quantity for Processing and Trading for PC	50%	50%	50%	50%	50%	50%	50%
Job Work (50%)	3,851	4,493	5,135	5,777	6,418	7,060	7,702
Quantity for sale (50%)							
Soybean	-	-	-	-	-	-	-
Red Gram/Tur	257	300	342	385	428	471	514
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	99	116	132	149	166	182	199
Maize	1,690	1,971	2,253	2,535	2,816	3,098	3,380
Black Gram/Udid	43	50	57	64	71	78	85
Bajra	79	93	106	119	132	146	159
Jawar	79	93	106	119	132	146	159
Sunflower	-	-	-	-	-	-	-
Wheat Floor	342	399	456	513	570	627	684
Bengal Gram/Channa	674	787	899	1,011	1,124	1,236	1,348
Jawar	80	94	107	120	134	147	161
Maize	507	591	676	760	845	929	1,014
Output (KG)							
Soybean							
Red Gram/Tur							
Dal (75%)	192.63	224.74	256.84	288.95	321.05	353.16	385.26
Husk and Powder	64.21	74.91	85.61	96.32	107.02	117.72	128.42
Paddy/Rice							
Green Gram/ Moong							
Dal (80%)	79	93	106	119	132	146	159

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Husk and Powder	20	23	26	30	33	36	40
Maize							
Black Gram/Udid							
Dal (75%)	32	37	43	48	53	59	64
Husk and Powder	11	12	14	16	18	20	21
Bajra							
Jawar							
Sunflower							
Wheat Floor	240	279	319	359	399	439	479
Bengal Gram/Channa							
Dal (75%)	506	590	674	758	843	927	1,011
Husk and Powder	169	197	225	253	281	309	337
Jawar							
Maize							
Safflower							
Groundnut							
	0						

Packaging (In Kg)

50

13.2 Facility 2 - Profit and loss of Grain Processing Unit - Dal Mill & Wheat Flour Mill

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

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue									
Pulses									
Bengal Gram	50 Kg	6100	6,045,643	7,535,463	9,045,794	10,688,320	12,472,483	14,408,343	16,506,607
Red Gram	50 Kg	5750	2,170,957	2,705,943	3,248,294	3,838,116	4,478,800	5,173,956	5,927,431
Black Gram	50 Kg	5550	347,403	433,013	519,801	614,186	716,710	827,951	948,525
Green Gram	50 Kg	6750	1,051,598	1,310,741	1,573,453	1,859,159	2,169,502	2,506,231	2,871,210
Wheat Floor	10KG	350	778,447	908,188	1,037,929	1,167,670	1,297,411	1,427,152	1,556,893
Husk and Powder	Kg	8	647,769	793,517	952,220	1,124,810	1,312,279	1,515,682	1,736,145
Job Work Charges	Kg	7	2,695,753	3,302,297	3,962,757	4,681,006	5,461,174	6,307,656	7,225,133
Revenue			13,737,569	16,989,162	20,340,249	23,973,268	27,908,359	32,166,972	36,771,944
Expenses									

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Variable Cost									
Bengal Gram	Quintals	5,250	3,539,604	4,336,015	5,203,218	6,146,301	7,170,684	8,282,140	9,486,815
Red gram	Quintals	6,300	1,618,105	1,982,178	2,378,614	2,809,738	3,278,027	3,786,121	4,336,830
Black gram	Quintals	5,100	217,167	266,029	319,235	377,096	439,946	508,137	582,048
Green Gram	Quintals	6,200	616,015	754,619	905,542	1,069,672	1,247,951	1,441,383	1,651,039
Wheat	Quintals	2,500	598,805	698,606	798,407	898,208	998,009	1,097,809	1,197,610
Oil (Liters)	3	100	231,065	283,054	339,665	401,229	468,101	540,656	619,297
Daily Labour	3	300	115,532	141,527	169,832	200,615	234,050	270,328	309,649
Electricity Charges	951.896	10	1,221,941	1,496,878	1,796,253	2,121,824	2,475,462	2,859,158	3,275,036
Loading/Unloading Charges		20	154,043	188,703	226,443	267,486	312,067	360,437	412,865
packaging Exp		50	73,023	89,453	107,343	126,799	147,932	170,862	195,714
Transportation Charges		125	182,556	223,632	268,358	316,998	369,831	427,154	489,286
REPAIR & MAINT			84000	92400	101640	111804	122984.4	135282.84	148811.124
Add: Opening Stock				167,706	204,741	244,891	288,379	335,445	386,341
Less: Closing Stock			167,706	204,741	244,891	288,379	335,445	386,341	441,338
Total Variable Cost			8,484,149	10,516,057	12,574,401	14,804,281	17,217,978	19,828,574	22,650,003

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Fixed Cost									
PLANT INCHARGE	1	20,000	240,000	252,000	264,600	277,830	291,722	306,308	321,623
MACHINE OPERATOR	2	15,000	360,000	378,000	396,900	416,745	437,582	459,461	482,434
Fixed Cost			600,000	630,000	661,500	694,575	729,304	765,769	804,057
Total expenses			9,084,149	11,146,057	13,235,901	15,498,856	17,947,282	20,594,343	23,454,060
Operating Profit			4,653,420	5,843,104	7,104,348	8,474,412	9,961,077	11,572,628	13,317,883

33.87 34.39 34.93 35.35 35.69 35.98 36.22

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.