

Note for users

Draft Business Plan Financial Calculator

1.0 About the calculator

The business plan financial calculator will be the tool to generate the financial projection of the business plan based on the certain data inputs. **It will be the tool which can be easily used by any professional who understand the basic accounting. The business plan financial calculator will generate following statements automatically based on certain data inputs:**

1. Profit and Loss Statement
2. Cash Flow Statement
3. Balance Sheet
4. Depreciation, amortization and tax calculation

It will also auto calculate the following financial ratios to understand the viability of the business plan / Full Project Proposal:

1. Break Even Point
2. Internal Rate of Return
3. Net Present Value
4. Return on Capital Employed
5. Project Payback Period
6. DSCR
7. Sensitivity analysis

The above ratios will help decision makers for approving the business plan / Full Project Report.

2.0 Features

- 1.0 It helps in preparing financial projections for both type of sub-projects.i.e. Grain and Fruits & Vegetables.
- 2.0 It can be easily used by any person / professional who understand the basic accounting.
- 3.0 Assist planners to map marketable surplus of key commodities quickly.
- 3.0 This tool will generate P & L , Cash flow statement and balance sheet automatically.
- 4.0 The calculator helps to prepare all categories of business plans envisaged in SMART Project viz. PPs, MAPs, CIs, Warehousing related)
- 5.0 It will also calculate all ratios automatically. that will helps to understand the project feasible or not

3.0 Preparatory work

- 1.0 Please collect basic data of targeted commodities in the cluster accurately (area, productivity and consumption at HH level)
- 2.0 Finalize Business activity in consultation with CBO members and officials / experts.
- 3.0 Accordingly, please add CAPEX details i.e. related to building, machinery and other infrastructure properly.
- 4.0 In CAPEX SHEET, please refer area and rates mentioned in estimates of civil structures prepared by engineer whereas quotation's in case of machinery and other equipment or material.
- 5.0 Please write down assumptions clearly for each business activity (example- produce aggregation and bulk marketing in the form of % in Y-1, Y-2.....)

4.0 Colour codes used

Colour code Description

 Need to change/Place Values Manually

 Need to change figures subject to

5.0 Guidance note for using calculator

Steps	Sheet name	Process	Sheet No	Remark
A				
Sheet in which need to enter data				
Step-1	Grain production details & or F & V production details (Marketable surplus)	Please fill data in yellow colour cells i.e. members no, non-members , average area etc.	Sheet No. 10 for grain and 11 for F & V	
Step-2	CAPEX Details	Kindly fill yellow cells by using rates mentioned in estimates of civil structures and quotation's of machineries and equipment's	Sheet No. 2	
Step-3	Project cost and Means of finance with financial indicators	Please add bank loan per cent if applicable other wise put zero	Sheet No. 1	Generate automatically
Step-4	Business activity wise revenue, expenditure and profit calculation			
	4.1 Facility-1 / Business activity -Trading		Sheet No. 12	
	4.2 Facility-2 / Business activity - Processing (Grain, pulses, oilseed)	Please fill necessary details in yellow cells for calculating revenue and expenditure of identified business activities only.	Sheet No. 13	
	4.3 Facility-3 Business activity -Warehouse		Sheet No. 14	
	4.4 Facility-4 Business activity -Custom hiring		Sheet No. 15	
	4.5 Facility-5 Business activity - Agri. Input		Sheet No. 16	
	4.6 Facility-6 Business activity -Processing (Horti. Produce)		Sheet No. 17	
Step-5	Other expenditure and taxes		Please add staff salary and other details in Yellow cell (in 3.1 table only)	Sheet no.3 (Ref. 3.1 table only)
Step-6	TL repayment schedule	Please add interest rate, tenure and Moratorium Period (In Month) in green cells	Sheet No. 4	
Step-7	Closing stock and working capital	Please add necessary details in yellow and green cells	Sheet No. 5	
B				
Auto generating sheets (No need to enter any data)				
B1	Profit and Loss Statement		Sheet No. 6	Generate automatically
B2	Cash Flow Statement		Sheet No. 7	Generate automatically
B3	Balance Sheet		Sheet No. 8	Generate automatically
B4	Financial indicators (IRR, BEP,NPV, ROI, Pay back period, DSCR, sensitivity analysis)		Sheet No.9	Generate automatically
B5	Depreciation, amortization and tax calculation		Sheet No. 3 (3.2 & 3.3)	Generate automatically
Step-8	Copy relevant tables in word file of FPP			

1.1 Total Project Cost

Sr. No.	Particular	Amount (Rs.)	Grant (%)	Grant Amount (Rs.)
1	Land and Building	12,895,376	60%	7,737,226
2	Machinery and Equipment	20,029,877	60%	12,017,926
3	Furniture and Fixture	45,500	60%	27,300
4	IT & It Infrastructure	251,204	60%	150,722
5	Vehicle	-	60%	-
6	Preliminary Expenses	200,000	60%	120,000
7	Working Capital	695,453		
Total		34,117,410		20,053,174

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 preoprtative expenditure , design, construction and Working Capital

1.2 Means of Finance

Sr. No.	Particular	FPC Contribution (%)	Amount (Rs.)
1	Govt. Grant under SMART Project		2,00,00,000
2	Bank Finance - Long Term Loan (= Total Project Cost- Smart Grant - Own Contribution)		10,079,761
3	Own Contribution (=Fixed Assets*10%)	10%	3,342,196
4	Own Contribution (Working Capital)		695,453
Total			34,117,410

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)	47.51%	Project Viable	BEP shall be less than 60%
2	Avg. Return on Capital Employed Average (ROCE)	17.59%	Project Viable	RoCE for the project shall be more than 12%
3	Internal Rate of Return (IRR)	11.03%	Project Viable	The project internal rate of return shall be more than 10%
4	Net present value (at a discount rate of 10 per cent)	1,368,168	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
5	Payback period	5.18	Project Viable	The Pack Back Period (Project/Equity) shall be less than 7 years
6	Debt Service Coverage Ratio (DSCR)	2.27	Project Viable	DSCR shall be more than 2 for better performing project.

2.1

Land and Building

Sr. No.	Particular	Unit	No. of Unit	Rate per unit	Amount (Rs.)
1	Land	Sq. ft.			Lease
2	Construction of Processing Shed	Sq. ft.	5,760	1,745	10,052,923
3	Construction of Drying Yard	Sq. ft.	25,320	98	2,477,920
4	Construction of Office	Sq. Mtrs.	72	5,063	364,533
Total					12,895,376

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.)
A	Cleaning & Grading Unit	4 TPH			
1	Padson Grader (Model ECO-40)		1	575,000	575,000
2	Padson Gravity Separator (Model NEO - 40)		1	525,000	525,000
3	Padson De-stoner		1	450,000	450,000
4	Padson Mudball Separator		1	390,000	390,000
5	Padsons Storage Bin 10 Ton		1	450,000	450,000
6	Padson Automatic Weighing Bagging (Model AWB)		1	950,000	950,000
7	Padsons Horizontal Conveyor		1	250,000	250,000
8	Air Compressor		1	120,000	120,000
9	Padsons Bucket Elevator (Model PBE -40)		5	145,000	725,000
10	Extra Screen Set for Grader		5	45,000	225,000
11	Control Panel		1	450,000	450,000
12	Commissioning Charges		1	225,000	225,000
13	Installation & Civil Work for Plant		1	300,000	300,000
14	Transportation & Unloading		1	100,000	100,000
15	GST @ 18%				1,032,300
Subtotal					6,767,300
B	Dal Mill	500 Kg/Hr			
1	Round Grader		1	240,000	240,000
2	Hi-Tech Dall Mill		2	425,000	850,000
3	Screw Polisher		1	250,000	250,000
4	Grain Dryer		1	290,000	290,000
5	Bucket Elevator		6	95,000	570,000
6	Control Panel		1	125,000	125,000
7	Commissioning Charges		1	80,000	80,000
8	Installation & Civil Work For Plant		1	125,000	125,000
9	Transportation & Unloading		1	70,000	70,000
10	GST @ 18%				468,000
Subtotal					3,068,000
C	Colour Sortex				
1	Machine for sorting used in milling Industry		1	1,500,000	1,500,000
2	15 HP Rotary Screw Air Compressor		1	275,000	275,000
3	Installation and All Electric, Fitting Charges		1	150,000	150,000
4	GST @ 18%				346,500
Subtotal					2,271,500
D	Solar Plant				
1	Solar on Grid System 25 Kw		25	36,500	912,500
2	GST @ 12%				109,500
3	Installation and Commissioning Service				90,000
4	Miscellaneous				84,800
5	GST @ 18%				31,464

	Subtotal				1,228,264
E	Cattle Feed	1 TPH			
1	Animal Feed Pallet Plant		1	685,000	685,000
2	Screw Conveyor		1	150,000	150,000
3	Grinder		1	425,000	425,000
4	Screw Conveyor		1	190,000	190,000
5	Storage Bin		1	150,000	150,000
6	Mixer		1	400,000	400,000
7	Screw Conveyor		1	190,000	190,000
8	Segregator with Cooling Fan		1	400,000	400,000
9	Control Panel		1	300,000	300,000
10	Commissioning Charges		1	100,000	100,000
11	Installation & Civil Work For Plant		1	125,000	125,000
12	Transportation & Unloading		1	70,000	70,000
	GST @ 18%				573,300
	Subtotal				3,758,300
F	DG Set		1		-
1	Kirloskar Igreen 25 KVA 3 Phase With Automatic Panel DG Set		1	485,570	485,570
2	GST @18%				87,403
	Subtotal				572,973
G	Weighing Bridge				
1	Fully Electronics Modular Welded Structure Type Weighing Bridge without Steel Ramp		1	2,003,000	2,003,000
2	GST @ 18%				360,540
	Subtotal				2,363,540
	Total				20,029,877

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

2.3

Furniture and Fixture

Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
1	Office Cupboard	1	7,000	7,000
2	office Table 2*4 Table	2	5,000	10,000
3	Rival chair	2	3,000	6,000
4	Plastic Chairs	6	500	3,000
5	Steel Rack	2	4,000	8,000
6	Sofa Set	1	11,500	11,500
	Total			45,500

This Sheet provide details of furniture and fixture, no.of Quantity, rate per unit and total amount

2.4

IT & It Infrastructure

Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
1	Computer and Printer	1	150,000	150,000
2	CCTV	1	101,204	101,204
26				
	Total			251,204

This Sheet provide details of furniture and fixture, no.of Quantity, rate per unit and total amount

3.1 Schedule of General Admin Expenses (Fixed)

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

Particulars	Unit	No.of Unit	Unit Cost	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Manager	No.	1	25,000	300,000	315,000	330,750	347,288	364,652	382,884	402,029
Accountant	No.	1	20,000	240,000	252,000	264,600	277,830	291,722	306,308	321,623
Watchmen	No.	2	8,000	192,000	201,600	211,680	222,264	233,377	245,046	257,298
Telephone and internet Exp	Months	12	1,000	12,000	12,600	13,230	13,892	14,586	15,315	16,081
Office Electricity Exp	Months	12	2,000	24,000	25,200	26,460	27,783	29,172	30,631	32,162
Printing & Stationary	Months	12	2,000	24,000	25,200	26,460	27,783	29,172	30,631	32,162
Land Lease	Months	12	4,167	50,000	52,500	55,125	57,881	60,775	63,814	67,005
Misc.expenses	Months	12	5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Audit and Legal Compliances expenses	Lumsu m	1	100,000	100,000	105,000	110,250	115,763	121,551	127,628	134,010
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Total Admin Expense				1,002,000	1,052,100	1,104,705	1,159,940	1,217,937	1,278,834	1,342,776

if it is related to salary it should multiply by 12 months.

3.2 Depreciation

As per companies Act

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Assets							
Building							
Asset Value	12,895,376	12,486,593	12,077,809	11,669,026	11,260,242	10,851,459	10,442,675
Depreciation	408,783	408,783	408,783	408,783	408,783	408,783	408,783
Accumulated Depreciation	408,783	817,567	1,226,350	1,635,134	2,043,917	2,452,701	2,861,484
Net Fixed Assets	12,486,593	12,077,809	11,669,026	11,260,242	10,851,459	10,442,675	10,033,892
Plant and Machinery							
Asset Value	20,029,877	18,761,985	17,494,094	16,226,203	14,958,312	13,690,421	12,422,529
Depreciation	1,267,891	1,267,891	1,267,891	1,267,891	1,267,891	1,267,891	1,267,891
Accumulated Depreciation	1,267,891	2,535,782	3,803,674	5,071,565	6,339,456	7,607,347	8,875,238
Net Fixed Assets	18,761,985	17,494,094	16,226,203	14,958,312	13,690,421	12,422,529	11,154,638
Furniture and Electrification							
Asset Value	45,500	40,950	36,400	31,850	27,300	22,750	18,200
Depreciation	4,550	4,550	4,550	4,550	4,550	4,550	4,550
Accumulated Depreciation	4,550	9,100	13,650	18,200	22,750	27,300	31,850
Net Fixed Assets	40,950	36,400	31,850	27,300	22,750	18,200	13,650
Vehicle							
Asset Value	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-
Accumulated Depreciation	-	-	-	-	-	-	-

Net Fixed Assets		-	-	-	-	-	-	-
IT Infrastructure								
Asset Value		251,204	226,084	200,963	175,843	150,722	125,602	100,482
Depreciation		25,120	25,120	25,120	25,120	25,120	25,120	25,120
Accumulated Depreciation		25,120	50,241	75,361	100,482	125,602	150,722	175,843
Net Fixed Assets		226,084	200,963	175,843	150,722	125,602	100,482	75,361
Gross Fixed Asset		33,221,957	31,515,612	29,809,267	28,102,922	26,396,577	24,690,232	22,983,887
Total Depreciation		1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345
Accumalated Depreciation		1,706,345	3,412,690	5,119,035	6,825,380	8,531,725	10,238,070	11,944,415
Net Fixed Assets		31,515,612	29,809,267	28,102,922	26,396,577	24,690,232	22,983,887	21,277,542

As per IT Act

Y1	Y2	Y3	Y4	Y5	Y6	Y7
12,895,376	11,605,838	10,445,255	9,400,729	8,460,656	7,614,591	6,853,132
1,289,538	1,160,584	1,044,525	940,073	846,066	761,459	685,313
1,289,538	2,450,121	3,494,647	4,434,720	5,280,785	6,042,244	6,727,558
11,605,838	10,445,255	9,400,729	8,460,656	7,614,591	6,853,132	6,167,818
20,029,877	17,025,395	14,471,586	12,300,848	10,455,721	8,887,363	7,554,258
3,004,481	2,553,809	2,170,738	1,845,127	1,568,358	1,333,104	1,133,139
3,004,481	5,558,291	7,729,029	9,574,156	11,142,514	12,475,618	13,608,757
17,025,395	14,471,586	12,300,848	10,455,721	8,887,363	7,554,258	6,421,120
45,500	40,950	36,855	33,170	29,853	26,867	24,181
4,550	4,095	3,686	3,317	2,985	2,687	2,418
4,550	8,645	12,331	15,647	18,633	21,319	23,737
40,950	36,855	33,170	29,853	26,867	24,181	21,763
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
251,204	150,722	90,433	54,260	32,556	19,534	11,720

100,482	60,289	36,173	21,704	13,022	7,813	4,688
100,482	160,771	196,944	218,648	231,670	239,484	244,172
150,722	90,433	54,260	32,556	19,534	11,720	7,032
33,221,957	28,822,906	25,044,129	21,789,007	18,978,786	16,548,354	14,443,291
4,399,051	3,778,777	3,255,122	2,810,221	2,430,431	2,105,064	1,825,558
4,399,051	8,177,828	11,432,950	14,243,171	16,673,602	18,778,666	20,604,224
28,822,906	25,044,129	21,789,007	18,978,786	16,548,354	14,443,291	12,617,732

Amortization: Straight Line Method (SLM) is used

Depreciation percent

Depreciation percent as per IT Act

Depreciation: Straight Line Method (SLM) is used

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%
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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	-	-
Total Value		40,000	40,000	40,000	40,000	40,000	-	-

3.4 Tax Schedule

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
EBT	2,687,906	4,116,199	5,704,555	7,441,074	9,338,029	11,283,234	13,152,102
Add Depreciation as per companies Act	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345
Less Depreciation as per IT Act	4,399,051	3,778,777	3,255,122	2,810,221	2,430,431	2,105,064	1,825,558
Taxable Income	-4,800	2,043,767	4,155,778	6,337,198	8,613,942	10,884,515	13,032,889
Provision of Taxes	0	531,379	1,080,502	1,647,671	2,239,625	2,829,974	3,388,551

Maximum Tax rate

26%

This Sheet refer for provision of tax calculation

4.1 Repayment Schedule

Loan Amount (Rs)	10,079,761
Interest rate /PA	12%
Loan Tenure in years	5
Moratorium Period (In Months)	6
EMI	Rs. 242,484.60

Year	Particulars	Opening Balance	Interest	Principial Repayment	EMI	Closing Outstanding
Year 1	Month 1	10,079,761	100,798	-	100,798	10,079,761
	Month 2	10,079,761	100,798	-	100,798	10,079,761
	Month 3	10,079,761	100,798	-	100,798	10,079,761
	Month 4	10,079,761	100,798	-	100,798	10,079,761
	Month 5	10,079,761	100,798	-	100,798	10,079,761
	Month 6	10,079,761	100,798	-	100,798	10,079,761
	Month 7	10,079,761	100,798	141,687	242,485	9,938,074
	Month 8	9,938,074	99,381	143,104	242,485	9,794,970
	Month 9	9,794,970	97,950	144,535	242,485	9,650,435
	Month 10	9,650,435	96,504	145,980	242,485	9,504,455
	Month 11	9,504,455	95,045	147,440	242,485	9,357,015
	Month 12	9,357,015	93,570	148,914	242,485	9,208,100
Year 2	Month 13	9,208,100	92,081	150,404	242,485	9,057,697
	Month 14	9,057,697	90,577	151,908	242,485	8,905,789
	Month 15	8,905,789	89,058	153,427	242,485	8,752,362
	Month 16	8,752,362	87,524	154,961	242,485	8,597,402
	Month 17	8,597,402	85,974	156,511	242,485	8,440,891
	Month 18	8,440,891	84,409	158,076	242,485	8,282,815
	Month 19	8,282,815	82,828	159,656	242,485	8,123,159
	Month 20	8,123,159	81,232	161,253	242,485	7,961,906
	Month 21	7,961,906	79,619	162,866	242,485	7,799,040
	Month 22	7,799,040	77,990	164,494	242,485	7,634,546
	Month 23	7,634,546	76,345	166,139	242,485	7,468,407
	Month 24	7,468,407	74,684	167,801	242,485	7,300,606
Year 3	Month 25	7,300,606	73,006	169,479	242,485	7,131,128
	Month 26	7,131,128	71,311	171,173	242,485	6,959,954
	Month 27	6,959,954	69,600	172,885	242,485	6,787,069
	Month 28	6,787,069	67,871	174,614	242,485	6,612,456
	Month 29	6,612,456	66,125	176,360	242,485	6,436,095
	Month 30	6,436,095	64,361	178,124	242,485	6,257,972
	Month 31	6,257,972	62,580	179,905	242,485	6,078,067
	Month 32	6,078,067	60,781	181,704	242,485	5,896,363
	Month 33	5,896,363	58,964	183,521	242,485	5,712,842
	Month 34	5,712,842	57,128	185,356	242,485	5,527,486
	Month 35	5,527,486	55,275	187,210	242,485	5,340,276
	Month 36	5,340,276	53,403	189,082	242,485	5,151,194
Year 4	Month 37	5,151,194	51,512	190,973	242,485	4,960,222
	Month 38	4,960,222	49,602	192,882	242,485	4,767,339
	Month 39	4,767,339	47,673	194,811	242,485	4,572,528
	Month 40	4,572,528	45,725	196,759	242,485	4,375,769
	Month 41	4,375,769	43,758	198,727	242,485	4,177,042
	Month 42	4,177,042	41,770	200,714	242,485	3,976,328
	Month 43	3,976,328	39,763	202,721	242,485	3,773,606
	Month 44	3,773,606	37,736	204,749	242,485	3,568,858
	Month 45	3,568,858	35,689	206,796	242,485	3,362,062
	Month 46	3,362,062	33,621	208,864	242,485	3,153,198
	Month 47	3,153,198	31,532	210,953	242,485	2,942,245
	Month 48	2,942,245	29,422	213,062	242,485	2,729,183
Year 5	Month 49	2,729,183	27,292	215,193	242,485	2,513,990
	Month 50	2,513,990	25,140	217,345	242,485	2,296,646
	Month 51	2,296,646	22,966	219,518	242,485	2,077,127
	Month 52	2,077,127	20,771	221,713	242,485	1,855,414
	Month 53	1,855,414	18,554	223,930	242,485	1,631,484
	Month 54	1,631,484	16,315	226,170	242,485	1,405,314
	Month 55	1,405,314	14,053	228,431	242,485	1,176,882
	Month 56	1,176,882	11,769	230,716	242,485	946,167
	Month 57	946,167	9,462	233,023	242,485	713,144
	Month 58	713,144	7,131	235,353	242,485	477,790
	Month 59	477,790	4,778	237,707	242,485	240,084
	Month 60	240,084	2,401	240,084	242,485	(0)

Year 6	Month 61					
	Month 62					
	Month 63					
	Month 64					
	Month 65					
	Month 66					
	Month 67					
	Month 68					
	Month 69					
	Month 70					
	Month 71					
	Month 72					
Year 7	Month 73					
	Month 74					
	Month 75					
	Month 76					
	Month 77					
	Month 78					
	Month 79					
	Month 80					
	Month 81					
	Month 82					
	Month 83					
	Month 84					

3619193.19

10079760.94

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.

5.1 Closing and Opening Stock Calculation

Particulars		Y1	Y2	Y3	Y4	Y5	Y6	Y7
Opening Stock								
Agri Input								
Trading			636,386	751,731	877,020	1,012,958	1,160,297	1,319,838
Grain Processing - Dal Mill			216,488	252,569	291,717	334,149	380,095	429,799
Cattle Feed Unit			433,352	505,578	583,942	668,879	760,850	860,346
Total			1,286,226	1,509,878	1,752,679	2,015,986	2,301,242	2,609,983
Closing Stock								
Agri Input	2%	-	-	-	-	-	-	-
Trading	2%	636,386	751,731	877,020	1,012,958	1,160,297	1,319,838	1,492,432
Grain Processing - Dal Mill	2%	216,488	252,569	291,717	334,149	380,095	429,799	483,524
Cattle Feed Unit	2%	433,352	505,578	583,942	668,879	760,850	860,346	967,889
Total		1,286,226	1,509,878	1,752,679	2,015,986	2,301,242	2,609,983	2,943,845

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	Trading	14	1,293,284	1,553,102	1,812,323	2,093,584	2,398,439	2,728,546	3,085,668	
2	Dal Mill	14	488,326	577,641	667,267	764,413	869,604	983,404	1,106,410	
3	Cattle Feed	14	947,344	1,125,535	1,300,230	1,489,580	1,694,615	1,916,429	2,156,188	
	Subtotal		2,728,954	3,256,278	3,779,820	4,347,576	4,962,658	5,628,380	6,348,266	
B	Closing Stock		1,286,226	1,509,878	1,752,679	2,015,986	2,301,242	2,609,983	2,943,845	
	Total		4,015,181	4,766,156	5,532,499	6,363,562	7,263,900	8,238,363	9,292,112	
C	Accounts Payable & Accrued Expenses (Creditors)									
1	Trading	7	610,233	720,838	840,978	971,329	1,112,613	1,265,598	1,431,099	
2	Dal Mill	7	207,591	242,190	279,729	320,417	364,474	412,136	463,653	
3	Cattle Feed	7	415,543	484,801	559,945	641,391	729,582	824,989	928,113	
	Total		1,233,368	1,447,828	1,680,651	1,933,137	2,206,670	2,502,723	2,822,865	
D	Working Capital		2,781,813	3,318,328	3,851,848	4,430,425	5,057,230	5,735,639	6,469,246	
	Own Contribution	25%	695,453							

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 the requirement of working capital for running business.

6.1 Consolidated Profit and loss account for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue							
Facility 1 - Cleaning & Grading	33,717,763	40,491,597	47,249,857	54,582,715	62,530,734	71,137,098	80,447,772
Facility 2 - Dal Mill	12,731,362	15,059,914	17,396,611	19,929,329	22,671,827	25,638,751	28,845,688
Facility 6 - Cattle Feed Unit	24,698,611	29,344,302	33,898,843	38,835,478	44,181,029	49,964,047	56,214,914
Total Revenue	71,147,736	84,895,812	98,545,312	113,347,522	129,383,590	146,739,896	165,508,374
Variable Cost							
Facility 1 - Cleaning & Grading	31,182,917	37,471,207	43,725,688	50,511,940	57,867,503	65,832,342	74,448,997
Facility 2 - Dal Mill	10,607,908	12,592,380	14,546,725	16,665,023	18,958,784	21,440,259	24,122,484
Facility 6 - Cattle Feed Unit	21,234,264	25,206,661	29,118,749	33,359,029	37,950,541	42,917,806	48,286,921
Total Variable Cost	63,025,089	75,270,247	87,391,162	100,535,992	114,776,828	130,190,407	146,858,402
Fixed Cost							
Facility 1 - Cleaning & Grading	336,000	352,800	370,440	388,962	408,410	428,831	450,272
Facility 2 - Dal Mill	576,000	604,800	635,040	666,792	700,132	735,138	771,895
Facility 6 - Cattle Feed Unit	336,000	352,800	370,440	388,962	408,410	428,831	450,272
Admin Expenses	1,002,000	1,052,100	1,104,705	1,159,940	1,217,937	1,278,834	1,342,776
Total Fixed Cost	2,250,000	2,362,500	2,480,625	2,604,656	2,734,889	2,871,634	3,015,215
Total Cost	65,275,089	77,632,747	89,871,787	103,140,648	117,511,717	133,062,040	149,873,617
Profit Before Depreciation ,Interest and Tax	5,872,647	7,263,065	8,673,525	10,206,874	11,871,873	13,677,856	15,634,757
Depreciation	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345
Amortization	40,000	40,000	40,000	40,000	40,000	-	-
Profit Before Interest and Tax	4,126,302	5,516,720	6,927,180	8,460,529	10,125,528	11,971,511	13,928,412
Interest on Term loan	1,438,396	1,400,520	1,222,625	1,019,455	787,500	688,277	776,310
Profit Before Tax	2,687,906	4,116,199	5,704,555	7,441,074	9,338,029	11,283,234	13,152,102
Less: Tax	0	531,379	1,080,502	1,647,671	2,239,625	2,829,974	3,388,551
Profit After Tax	2,687,906	3,584,820	4,624,053	5,793,402	7,098,404	8,453,260	9,763,551
Cumulative Profit	2,687,906	6,272,726	10,896,779	16,690,181	23,788,585	32,241,845	42,005,396

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.

8.1 Cash Flow Statement for the Project

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1	Operating Profit							
	Total Revenue	71,147,736	84,895,812	98,545,312	113,347,522	129,383,590	146,739,896	165,508,374
2	Equity/ Share capital	3,342,196						
	Reinvestment							
3	Grant	2,00,00,000						
4	Long Term Loan	10,079,761						
5	Increase in Short Term Loan	2,086,360	1,231,968	533,521	578,577	626,805	678,409	733,607
6	Increase in account rpayable	1,233,368	214,461	232,823	252,486	273,533	296,053	320,142
	Sub Total (A)	107,889,420	86,342,240	99,311,656	114,178,585	130,283,928	147,714,359	166,562,123
	Cash Outflow (Rs.)							
1	Capital Expenditure							
a	Land and Building	12,895,376						
b	Machinery and Equipment	20,029,877						
c	Furniture & Fixture	45,500						
d	It Infrastructure	251,204						
e	Vehicle	-						
f	Premilinary Expenses	200,000						
2	Operational Expenditure							
a	Variable Cost	63,025,089	75,270,247	87,391,162	100,535,992	114,776,828	130,190,407	146,858,402
b	Fixed Cost	2,250,000	2,362,500	2,480,625	2,604,656	2,734,889	2,871,634	3,015,215
3	Loan Repayment							
	LTL - Principal	871,661	1,907,494	2,149,412	2,422,011	2,729,183	-	-
	LTL - Interest	1,188,033	1,002,321	760,403	487,804	180,632	-	-
	STL - Principal							
	STL - Interest	250,363	398,199	462,222	531,651	606,868	688,277	776,310
4	Tax	0	531,379	1,080,502	1,647,671	2,239,625	2,829,974	3,388,551
5	Increase in account Receivable	2,728,954	527,323	523,542	567,756	615,082	665,721	719,887
6	Increase in Closing Stock	1,286,226	223,652	242,801	263,307	285,256	308,741	333,862
	Sub Total (B)	105,022,282	82,223,116	95,090,670	109,060,849	124,168,362	137,554,754	155,092,227
	Net Cash Flow (A-B)	2,867,137	4,119,124	4,220,986	5,117,736	6,115,566	10,159,605	11,469,896
	Opening Cash and Bank		2,867,137	6,986,261	11,207,247	16,324,983	22,440,549	32,600,154
	Cumulative Cash Balance	2,867,137	6,986,261	11,207,247	16,324,983	22,440,549	32,600,154	44,070,050

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 business during an upcoming time period.

7.1 Balancesheet for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
ASSETS							
Current Assets							
Cash and Bank Balance	2,867,137	6,986,261	11,207,247	16,324,983	22,440,549	32,600,154	44,070,050
Accounts Receivables	2,728,954	3,256,278	3,779,820	4,347,576	4,962,658	5,628,380	6,348,266
Other Current Assets	1,286,226	1,509,878	1,752,679	2,015,986	2,301,242	2,609,983	2,943,845
Total Current Assets	6,882,318	11,752,417	16,739,747	22,688,545	29,704,449	40,838,516	53,362,162
Gross Fixed Assets	33,221,957	31,515,612	29,809,267	28,102,922	26,396,577	24,690,232	22,983,887
Less: Depreciation	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345
Net Fixed Assets	31,515,612	29,809,267	28,102,922	26,396,577	24,690,232	22,983,887	21,277,542
Preliminary & Pre- operative Expenses	160,000	120,000	80,000	40,000	0	0	0
TOTAL ASSETS	38,557,930	41,681,684	44,922,668	49,125,122	54,394,680	63,822,403	74,639,703
LIABILITIES & SHAREHOLDERS EQUITY							
CURRENT LIABILITIES							
Short Term Debt (Working capital loan)	2,086,360	3,318,328	3,851,848	4,430,425	5,057,230	5,735,639	6,469,246
Accounts Payable & Accrued Expenses	1,233,368	1,447,828	1,680,651	1,933,137	2,206,670	2,502,723	2,822,865
Other Current Liabilities							
Total Curent Liabilities	3,319,727	4,766,156	5,532,499	6,363,562	7,263,900	8,238,363	9,292,112
Secured Long Term Debt	9,208,100	7,300,606	5,151,194	2,729,183	0	0	0
Differed Tax Liabilities							
TOTAL LIABILITIES	12,527,828	12,066,762	10,683,694	9,092,745	7,263,900	8,238,363	9,292,112
Share capital	3,342,196	3,342,196	3,342,196	3,342,196	3,342,196	3,342,196	3,342,196
Smart Grant -in-Aid	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000	2,00,00,000
Reserves and Surplus							
Add: Opening Balance (P/L Account)	0	2,687,906	6,272,726	10,896,779	16,690,181	23,788,585	32,241,845
Profit & Loss) During the Year	2,687,906	3,584,820	4,624,053	5,793,402	7,098,404	8,453,260	9,763,551
Appropriation - Dividend							
Total Reserves	2,687,906	6,272,726	10,896,779	16,690,181	23,788,585	32,241,845	42,005,396
TOTAL EQUITY	26,030,102	29,614,922	34,238,974	40,032,377	47,130,780	55,584,040	65,347,592
TOTAL LIABILITIES & EQUITY	38,557,930	41,681,684	44,922,668	49,125,122	54,394,680	63,822,403	74,639,703
CONTROL TICKER							
(=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.

9.1 Internal Rate of Return

Particular	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Profit after Tax & Dividend		2,687,906.16	3,584,819.80	4,624,052.83	5,793,402.35	7,098,403.56	8,453,260.09	9,763,551.08
Add: Depreciation		1,706,345.01	1,706,345.01	1,706,345.01	1,706,345.01	1,706,345.01	1,706,345.01	1,706,345.01
Add: Preliminary expense written off		40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	0.00	0.00
Net Cash Accrual (A)		4,434,251.16	5,331,164.81	6,370,397.83	7,539,747.36	8,844,748.57	10,159,605.10	11,469,896.09
Initial Investment/ Net Cash Accrual	(34,117,409.8159)	4,434,251.16	5,331,164.81	6,370,397.83	7,539,747.36	8,844,748.57	10,159,605.10	11,469,896.09
IRR	11.03%							
Present Value Equivalent		0.90	0.81	0.73	0.66	0.59	0.53	0.48
Present Value of Future Inflows		3,993,871.92	4,324,837.54	4,654,661.36	4,961,947.60	5,242,696.50	5,424,002.71	5,515,392.18
Operating Net Cash Inflow					34,117,409.82			

Present Capital Outflow

34,117,409.82

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	33,717,763	40,491,597	47,249,857	54,582,715	62,530,734	71,137,098	80,447,772
Facility 2 - Dal Mill	12,731,362	15,059,914	17,396,611	19,929,329	22,671,827	25,638,751	28,845,688
Activity 2 - Warehouse	-	-	-	-	-	-	-
Activity 3 - Custom Hiring	-	-	-	-	-	-	-
Activity 4 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Cattle Feed Unit	24,698,611	29,344,302	33,898,843	38,835,478	44,181,029	49,964,047	56,214,914
Total Receipts	71,147,736	84,895,812	98,545,312	113,347,522	129,383,590	146,739,896	165,508,374
Total Variable Exp	63,025,089	75,270,247	87,391,162	100,535,992	114,776,828	130,190,407	146,858,402
Contribution	8,122,647	9,625,565	11,154,150	12,811,530	14,606,762	16,549,489	18,649,972
Total Fixed exp	6,689,051	6,181,277	5,775,747	5,454,877	5,205,320	4,976,697	4,840,773
BEP	82%	64%	52%	43%	36%	30%	26%

Average BEP

47.51%

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

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Profit after Tax & Dividend	2,687,906	3,584,820	4,624,053	5,793,402	7,098,404	8,453,260	9,763,551
Add: Depreciation	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345
Add. Preliminary exp Written off	40,000	40,000	40,000	40,000	40,000	0	0
Net Cash Accrual (A)	4,434,251	5,331,165	6,370,398	7,539,747	8,844,749	10,159,605	11,469,896
PV Factor @ 10 %	0.91	0.83	0.75	0.68	0.62	0.56	0.51
Disc Cash Flow	4,031,137	4,405,921	4,786,174	5,149,749	5,491,893	5,734,832	5,885,870

Total Discounted Cash Flows 35,485,577

Present Value of Outflow 34,117,410

NPV 1,368,167.51

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	2,687,906	3,584,820	4,624,053	5,793,402	7,098,404	8,453,260	9,763,551
Average net profit	6000770.84						
Total Project cost	34117409.82						
ROI	17.59%						

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	34,117,410							
Profit after Tax & Dividend		2,687,906	3,584,820	4,624,053	5,793,402	7,098,404	8,453,260	9,763,551
Add: Depreciation		1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345	1,706,345
Add: Preliminary exp Written off		40,000	40,000	40,000	40,000	40,000	-	-
Net Cash Accrual (A)		4,434,251	5,331,165	6,370,398	7,539,747	8,844,749	10,159,605	11,469,896
Cashflow - Initial Investment		(29,683,159)	(24,351,994)	(17,981,596)	(10,441,849)	(1,597,100)	8,562,505	20,032,401

Payback period (in years) - Project

5.18

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

9.6 Debt Service Covergae Ratio (DSCR)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Operating Income	5,872,647	7,263,065	8,673,525	10,206,874	11,871,873	13,677,856	15,634,757
Total	5,872,647	7,263,065	8,673,525	10,206,874	11,871,873	13,677,856	15,634,757
Total Annual EMI	2,059,693	2,909,815	2,909,815	2,909,815	2,909,815	-	-
Debt Service Coverage Ratio (DCSR)	2.85	2.50	2.98	3.51	4.08	-	-

Avergae DSCR

2.27

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	35,403,651	42,516,177	49,612,350	57,311,851	65,657,271	74,693,953	84,470,161
Facility 2 - Dal Mill	13,367,930	15,812,909	18,266,442	20,925,795	23,805,418	26,920,688	30,287,972
Activity 2 - Warehouse	-	-	-	-	-	-	-
Activity 3 - Custom Hiring	-	-	-	-	-	-	-
Activity 4 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Cattle Feed Unit	25,933,541	30,811,517	35,593,785	40,777,252	46,390,081	52,462,249	59,025,659
0	-	-	-	-	-	-	-
Total Income	74,705,123	89,140,603	103,472,577	119,014,898	135,852,770	154,076,891	173,783,792
Expenditure							
Fixed Cost (Excl. of Depreciation, Amort)	2,250,000	2,362,500	2,480,625	2,604,656	2,734,889	2,871,634	3,015,215
Variable Cost	66,176,343	75,270,247	87,391,162	100,535,992	114,776,828	130,190,407	146,858,402
Total Operational Expenses	68,426,343	77,632,747	89,871,787	103,140,648	117,511,717	133,062,040	149,873,617
Net Income	6,278,779	11,507,855	13,600,791	15,874,250	18,341,053	21,014,851	23,910,176

Cost Variation (+5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	33,717,763	40,491,597	47,249,857	54,582,715	62,530,734	71,137,098	80,447,772
Facility 2 - Dal Mill	12,731,362	15,059,914	17,396,611	19,929,329	22,671,827	25,638,751	28,845,688

Activity 2 - Warehouse	-	-	-	-	-	-	-
Activity 3 - Custom Hiring	-	-	-	-	-	-	-
Activity 4 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Cattle Feed Unit	24,698,611	29,344,302	33,898,843	38,835,478	44,181,029	49,964,047	56,214,914
0	-	-	-	-	-	-	-
Total Income	71,147,736	84,895,812	98,545,312	113,347,522	129,383,590	146,739,896	165,508,374
Expenditure							
Fixed Cost (Excl. of Depreciation, Amort)	2,250,000	2,362,500	2,480,625	2,604,656	2,734,889	2,871,634	3,015,215
Variable Cost	66,176,343	79,033,760	91,760,720	105,562,792	120,515,669	136,699,927	154,201,322
Total Operational Expenses	68,426,343	81,396,260	94,241,345	108,167,448	123,250,558	139,571,561	157,216,537
Net Income	2,721,393	3,499,552	4,303,967	5,180,074	6,133,032	7,168,335	8,291,837

Quantity Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	32,031,875	38,467,017	44,887,365	51,853,580	59,404,198	67,580,243	76,425,383
Facility 2 - Dal Mill	12,094,794	14,306,918	16,526,781	18,932,862	21,538,235	24,356,813	27,403,404
Activity 2 - Warehouse	-	-	-	-	-	-	-
Activity 3 - Custom Hiring	-	-	-	-	-	-	-
Activity 4 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Cattle Feed Unit	23,463,680	27,877,087	32,203,901	36,893,704	41,971,978	47,465,844	53,404,168
0	-	-	-	-	-	-	-
Total Income	67,590,349	80,651,021	93,618,046	107,680,146	122,914,411	139,402,901	157,232,955
Expenditure							
Fixed Cost (Excl. of Depreciation, Amort)	2,250,000	2,362,500	2,480,625	2,604,656	2,734,889	2,871,634	3,015,215
Variable Cost	59,873,834	71,506,735	83,021,604	95,509,193	109,037,986	123,680,886	139,515,481
Total Operational Expenses	62,123,834	73,869,235	85,502,229	98,113,849	111,772,875	126,552,520	142,530,697
Net Income	5,466,515	6,781,786	8,115,818	9,566,297	11,141,535	12,850,381	14,702,258

Cost Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	33,717,763	40,491,597	47,249,857	54,582,715	62,530,734	71,137,098	80,447,772
Facility 2 - Dal Mill	12,731,362	15,059,914	17,396,611	19,929,329	22,671,827	25,638,751	28,845,688
Activity 2 - Warehouse	-	-	-	-	-	-	-
Activity 3 - Custom Hiring	-	-	-	-	-	-	-
Activity 4 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Cattle Feed Unit	24,698,611	29,344,302	33,898,843	38,835,478	44,181,029	49,964,047	56,214,914
0	-	-	-	-	-	-	-
Total Income	71,147,736	84,895,812	98,545,312	113,347,522	129,383,590	146,739,896	165,508,374
Expenditure							
Fixed Cost (Excl. of Depreciation, Amort)	2,250,000	2,362,500	2,480,625	2,604,656	2,734,889	2,871,634	3,015,215
Variable Cost	59,873,834	71,506,735	83,021,604	95,509,193	109,037,986	123,680,886	139,515,481
Total Operational Expenses	62,123,834	73,869,235	85,502,229	98,113,849	111,772,875	126,552,520	142,530,697
Net Income	9,023,902	11,026,577	13,043,083	15,233,673	17,610,715	20,187,376	22,977,677

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 assumed 5% (+,-) while calculating sensitivity analysis

Grains Crop Production Details

10.1 Details of members and non- members

Particulars	No.
Total No.of Members Cultivating Grain Crops	547
Total No.of Non- members Cultivating Grain Crops	1500
Total	2047
Average Land Holding per Member (Acres)	5
Total Cultivated Land under grain Crop(Acres)	10235

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	20%	2047	10	20470	0%	20470
	Red Gram/Tur	30%	3070.5	7	21493.5	5%	20418.825
	Paddy/Rice	0%	0	6	0	0%	0
	Green Gram/ Moong	0%	0	7	0	5%	0
	Maize	30%	3070.5	12	36846	0%	36846
	Black Gram/Udid	0%	0	6	0	5%	0
	Bajra	0%	0	6	0	2%	0
	Jawar	0%	0	0	0	0%	0
	Sunflower	0%	0	0	0	0%	0
	Area Under Rabbi Cultivation (In Acres)	50%	5117.5				
Rabbi	Wheat	0%	0	10	0	10%	0
	Bengal Gram/Channa	30%	1535.25	7	10746.75	5%	10209.4125
	Jawar	0%	0	10	0	5%	0
	Maize	35%	1791.125	12	21493.5	0%	21493.5
	Safflower	0%	0	0	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
Area Under Summer Cultivation (In Acres)	5%	511.75					
Summer	Groundnut	0%	0	0	0	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	40%	45%	50%	55%	60%	65%	70%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	8188	9211.5	10235	11258.5	12282	13305.5	14329
Red Gram/Tur	8167.53	9188.47125	10209.4125	11230.35375	12251.295	13272.23625	14293.1775
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	0	0	0	0	0	0	0
Maize	14738.4	16580.7	18423	20265.3	22107.6	23949.9	25792.2
Black Gram/Udid	0	0	0	0	0	0	0
Bajra	0	0	0	0	0	0	0
Jawar	0	0	0	0	0	0	0
Sunflower	0	0	0	0	0	0	0
Wheat	0	0	0	0	0	0	0
Bengal Gram/Channa	4083.765	4594.235625	5104.70625	5615.176875	6125.6475	6636.118125	7146.58875
Jawar	0	0	0	0	0	0	0
Maize	8597.4	9672.075	10746.75	11821.425	12896.1	13970.775	15045.45
Safflower	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	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

10.4 Quantity of Marketable Surplus Produce Considered for Processing Business

Particulars	18%	20%	22%	24%	26%	28%	30%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	3675.3885	4083.765	4492.1415	4900.518	5308.8945	5717.271	6125.6475
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	0	0	0	0	0	0	0
Maize	6632.28	7369.2	8106.12	8843.04	9579.96	10316.88	11053.8
Black Gram/Udid	0	0	0	0	0	0	0
Bajra	0	0	0	0	0	0	0
Jawar	0	0	0	0	0	0	0
Sunflower	0	0	0	0	0	0	0
Wheat	0	0	0	0	0	0	0
Bengal Gram/Channa	1837.69425	2041.8825	2246.07075	2450.259	2654.44725	2858.6355	3062.82375
Jawar	0	0	0	0	0	0	0
Maize	3868.83	4298.7	4728.57	5158.44	5588.31	6018.18	6448.05
Safflower	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	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

Chilli	0	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	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	0
Custard Apple	0	0	0	0	0	0	0	0
Guava	0	0	0	0	0	0	0	0
Citrus	0	0	0	0	0	0	0	0

11.5 Crop-wise Area Considered for Agri Input Service Centre

Particulars	65%	70.0%	75.0%	80.0%	85.0%	90.0%	95.0%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
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
Potato	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
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	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

Facility 3 - Trading Unit
12.1 Producers/ Capacity Utilization

Capacity No. of Hours	40 Quintal/Hour		Tentative Wastage Percentage					
	8		Commodity	Percentage				
			Grains	2%				
			Fruit and Vegetables	5%				
No. of Working Days	188							
Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7	
No. of Operation Days	137	154	171	188	205	222	239	
Soybean	8,188	9,212	10,235	11,259	12,282	13,306	14,329	
Red Gram/Tur	8,168	9,188	10,209	11,230	12,251	13,272	14,293	
Maize	14,738	16,581	18,423	20,265	22,108	23,950	25,792	
Bengal Gram/Channa	4,084	4,594	5,105	5,615	6,126	6,636	7,147	
Maize	8,597	9,672	10,747	11,821	12,896	13,971	15,045	
Total Grains Quantity to be Processed	43,775	49,247	54,719	60,191	65,663	71,135	76,606	
Job Work for Grains	80%	80%	80%	80%	80%	80%	80%	
Quantity for trading of Grains	20%	20%	20%	20%	20%	20%	20%	
Job Work (50%)	35,020	39,398	43,775	48,153	52,530	56,908	61,285	
Quantity for sale (50%)								
Soybean	1,638	1,842	2,047	2,252	2,456	2,661	2,866	
Red Gram/Tur	1,634	1,838	2,042	2,246	2,450	2,654	2,859	
Maize	2,948	3,316	3,685	4,053	4,422	4,790	5,158	
Bengal Gram/Channa	817	919	1,021	1,123	1,225	1,327	1,429	
Maize	1,719	1,934	2,149	2,364	2,579	2,794	3,009	
Output								
Soybean	1,605	1,805	2,006	2,207	2,407	2,608	2,808	
Red Gram/Tur	1,601	1,801	2,001	2,201	2,401	2,601	2,801	
Maize	2,889	3,250	3,611	3,972	4,333	4,694	5,055	
Bengal Gram/Channa	800	900	1,001	1,101	1,201	1,301	1,401	
Maize	1,685.09	1,895.73	2,106.36	2,317.00	2,527.64	2,738.27	2,948.91	

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	5,500	8,650,131	10,403,327	12,139,918	14,024,160	16,066,476	18,277,963	20,670,433
Red Gram	Quintals	6,300	9,883,561	11,886,747	13,870,960	16,023,877	18,357,409	20,884,234	23,617,849
Bengal Gram	Quintals	5,500	4,314,253	5,188,659	6,054,784	6,994,550	8,013,155	9,116,134	10,309,378
Maize	Quintals	1,800	8,068,213	9,703,467	11,323,232	13,080,716	14,985,640	17,048,355	19,279,877
Job Work Charges	MT	80	2,801,606	3,309,397	3,860,963	4,459,413	5,108,055	5,810,412	6,570,235
Total Revenue			33,717,763	40,491,597	47,249,857	54,582,715	62,530,734	71,137,098	80,447,772
Expenses									
Variable Cost									
Soybean	Quintal	5,250	8,597,400	10,155,679	11,848,292	13,684,777	15,675,290	17,830,643	20,162,342
Red Gram	Quintal	6,000	9,801,036	11,577,474	13,507,053	15,600,646	17,869,831	20,326,933	22,985,070
Bengal Gram	Quintal	5,200	4,247,116	5,016,905	5,853,056	6,760,280	7,743,593	8,808,337	9,960,197
Maize	Quintal	1,700	7,934,172	9,372,241	10,934,281	12,629,094	14,466,053	16,455,136	18,606,961
Daily Labour	10	300	410,392	484,775	565,571	653,234	748,250	851,135	962,437
Electricity Charges	208.88	8	228,594	270,026	315,030	363,860	416,785	474,093	536,090
Packaging Expenses									
MT		30	257,398	304,051	354,726	409,709	469,303	533,832	603,640
Outward- Transportation Cost		40	343,197	405,401	472,968	546,278	625,737	711,775	804,854
Add: Opening Stock				636,386	751,731	877,020	1,012,958	1,160,297	1,319,838
Less: Closing Stock			636,386		751,731	877,020	1,012,958	1,160,297	1,319,838
Total Variable Cost			31,182,917	37,471,207	43,725,688	50,511,940	57,867,503	65,832,342	74,448,997
Fixed Cost									
Machine Operator	1	12,000	144,000	151,200	158,760	166,698	175,033	183,785	192,974
Support Staff	2	8,000	192,000	201,600	211,680	222,264	233,377	245,046	257,298
Total Fixed Cost			336,000	352,800	370,440	388,962	408,410	428,831	450,272
Total Expenses			31,518,917	37,824,007	44,096,128	50,900,902	58,275,913	66,261,173	74,899,269
Operating Income			2,198,846	2,667,590	3,153,729	3,681,813	4,254,821	4,875,925	5,548,503

1. Inflation is assumed to be 5% annually.

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

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

Capacity 5 Qtls P Hour
 No. of Hours 8

No. of Average land 184

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	138	153	168	184	199	214	230
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	3675.3885	4083.765	4492.1415	4900.518	5308.8945	5717.271	6125.6475
Wheat	0	0	0	0	0	0	0
Bengal Gram/Channa	1837.69425	2041.8825	2246.07075	2450.259	2654.44725	2858.6355	3062.82375
	0	0	0	0	0	0	0
Total Quantity to be Processed	5513.08275	6125.6475	6738.21225	7350.777	7963.34175	8575.9065	9188.47125
Job Work (50%)	70%	70%	70%	70%	70%	70%	70%
Quantity for Processing and Trading for PC	30%	30%	30%	30%	30%	30%	30%
Job Work (50%)	3,859	4,288	4,717	5,146	5,574	6,003	6,432
Quantity for sale (50%)							
Red Gram/Tur	1,103	1,225	1,348	1,470	1,593	1,715	1,838
Bengal Gram/Channa	551	613	674	735	796	858	919
Output (KG)							
Red Gram/Tur							
Dal (80%)	771.83	857.59	943.35	1,029.11	1,114.87	1,200.63	1,286.39
Husk and Powder	220.52	245.03	269.53	294.03	318.53	343.04	367.54
Bengal Gram/Channa							
Dal (80%)	386	429	472	515	557	600	643
Husk and Powder	165	184	202	221	239	257	276

Packaging (In Kg) 50

13.2 Facility 2 - Profit and loss of Grain Processing Unit - Dal 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									
Red Gram (Tur Dal)	50 Kg	4500	6,807,555	8,088,023	9,343,369	10,704,029	12,177,396	13,771,340	15,494,236
Channa Dal	50 Kg	3750	2,836,481	3,370,010	3,893,070	4,460,012	5,073,915	5,738,059	6,455,931
Husk and Powder	100 Kg	1000	385,916	450,235	520,022	595,661	677,564	766,169	861,940
Job Work Charges	100 Kg	700	2,701,411	3,151,646	3,640,151	4,169,627	4,742,951	5,363,183	6,033,581
	100 Kg								
Revenue			12,731,362	15,059,914	17,396,611	19,929,329	22,671,827	25,638,751	28,845,688
Expenses									
Variable Cost									
Red Gram	Quintals	6,500	7,167,008	8,361,509	9,657,543	11,062,276	12,583,339	14,228,853	16,007,459
Bengal Gram	Quintals	5,500	3,032,196	3,537,561	4,085,883	4,680,194	5,323,720	6,019,899	6,772,387
Oil	2	100	110,262	128,639	148,578	170,189	193,590	218,905	246,269
Daily Labour	5	300	206,741	241,197	278,583	319,104	362,981	410,448	461,754
Electricity Charges	185,008	8	203,993	237,992	274,880	314,863	358,157	404,993	455,617
packaging Exp- Dal		25	57,887	67,535	78,003	89,349	101,635	114,925	129,291
Transportation Charges		30	46,310	54,028	62,403	71,479	81,308	91,940	103,433
Add: Opening Stock				216,488	252,569	291,717	334,149	380,095	429,799
Less: Closing Stock			216,488	252,569	291,717	334,149	380,095	429,799	483,524
Total Variable Cost			10,607,908	12,592,380	14,546,725	16,665,023	18,958,784	21,440,259	24,122,484
Fixed Cost									
Machine Operator	2	12,000	288,000	302,400	317,520	333,396	350,066	367,569	385,948
Support Staff	3	8,000	288,000	302,400	317,520	333,396	350,066	367,569	385,948
Fixed Cost			576,000	604,800	635,040	666,792	700,132	735,138	771,895
Total expenses			11,183,908	13,197,180	15,181,765	17,331,815	19,658,916	22,175,397	24,894,379
Operating Profit			1,547,454	1,862,733	2,214,846	2,597,514	3,012,911	3,463,354	3,951,309

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

Total Variable Cost			-	-	-	-	-	-	-
Fixed Cost									
Warehouse Manager	1		-	-	-	-	-	-	-
Total Fixed Cost			-	-	-	-	-	-	-
Total Expenses			-	-	-	-	-	-	-
Oppering profit			-	-	-	-	-	-	-

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

Facility 4 - Custom Hiring
15.1 Capacity Utilization

Sr. No.	Custom Hiring Equipment	No. of Equipment	Working Days	No. of Hours in day	Total Hours in a year	Required Hrs/Acre	Total Acres	No. of Liters Diesel Required/acre	Total no. of Liters required	Service Charges/Acre (Amount (Rs.))	Labour Requirement	Total No. of Days Labour Reired
1			90	8	0	4	0	8	0	1800	1	90
2			60	8	0	2	0	8	0	1800	1	60
3			30	8	0	2	0	7	0	1200	1	30
5			60	8	0	2	0	8	0	1500	1	60
6			30	8	0	2	0	5	0	800	1	30
7			30	8	0	3	0	5	0	1000	1	30
8			30	8	0	3	0	5	0	1000	1	30
9			60	8	0	3	0	8	0	1500	1	60
10			60	8	0	4	0	8	0	2000	1	60
11			30	8	0	4	0	6	0	1000	1	30

15.2 Facility 4 - Profit and loss of Custom Hiring

Particulars	Unit	No. of Unit	Rate	100%	105.00%	110.25%	115.76%	121.55%	127.63%	134.01%
				Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue										
Custom Hiring Charges										
	0 acre	0	1800	-	-	-	-	-	-	-
	0 acre	0	1800	-	-	-	-	-	-	-
	0 acre	0	1200	-	-	-	-	-	-	-
	0 acre	0	1500	-	-	-	-	-	-	-
	0 acre	0	800	-	-	-	-	-	-	-
	0 acre	0	1000	-	-	-	-	-	-	-
	0 acre	0	1000	-	-	-	-	-	-	-
	0 acre	0	1500	-	-	-	-	-	-	-
	0 acre	0	2000	-	-	-	-	-	-	-
	0	0	1000	-	-	-	-	-	-	-
Total Revenue				-	-	-	-	-	-	-
Expenses										
Variable Expenses										
Diesel	Litres	0	100	-	-	-	-	-	-	-
Daily Labour	No. of Days		300	-	-	-	-	-	-	-
Total Variable Cost				-	-	-	-	-	-	-
Fixed Cost										
Driver for Tractors	No.	1		-	-	-	-	-	-	-
Total Fixed Cost				-	-	-	-	-	-	-

Total Expenses				-	-	-	-	-	-	-
Operating Income				-	-	-	-	-	-	-

This sheet provide details of sale, expenses and operating profit of custom hiring activity

Facility 5 - Agri Input

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Area under crop (In Acres)							
Kharif Crops							
Soybean	-	-	-	-	-	-	-
Red Gram/Tur	-	-	-	-	-	-	-
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Black Gram/Udid	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Rabi Crop							
Wheat	-	-	-	-	-	-	-
Bengal Gram/Channa	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Summer							
Groundnut	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details							
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Pomegranate	-	-	-	-	-	-	-

Custard Apple		-	-	-	-	-	-	-
Guava		-	-	-	-	-	-	-
Citrus		-	-	-	-	-	-	-
Requirement of Input material								
	seed requireme nt /acre							
Seeds requirement per acre (in kg)								
Kharif Crops								
Soybean	40	-	-	-	-	-	-	-
Red Gram/Tur	5	-	-	-	-	-	-	-
Paddy/Rice	15	-	-	-	-	-	-	-
Green Gram/ Moong	15	-	-	-	-	-	-	-
Maize	25	-	-	-	-	-	-	-
Black Gram/Udid	15	-	-	-	-	-	-	-
Bajra	5	-	-	-	-	-	-	-
Jawar	5	-	-	-	-	-	-	-
Rabi Crop								
Wheat	20	-	-	-	-	-	-	-
Bengal Gram/Channa	25	-	-	-	-	-	-	-
Jawar	5	-	-	-	-	-	-	-
Maize	20	-	-	-	-	-	-	-
Safflower		-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
Summer								
Groundnut		-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details								
Onion		-	-	-	-	-	-	-
Tomato		-	-	-	-	-	-	-
Okra		-	-	-	-	-	-	-
Chilli		-	-	-	-	-	-	-
Potato		-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
Onion		-	-	-	-	-	-	-
Tomato		-	-	-	-	-	-	-
Okra		-	-	-	-	-	-	-
Chilli		-	-	-	-	-	-	-
Brinjal		-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-
Pomegranate		-	-	-	-	-	-	-

Custard Apple		-	-	-	-	-	-	-
Guava		-	-	-	-	-	-	-
Citrus		-	-	-	-	-	-	-
Fertilizers requirement (in kg)	Fert. Req. per kg.							
SSP	100	-	-	-	-	-	-	-
Urea	30	-	-	-	-	-	-	-
DAP	30	-	-	-	-	-	-	-
Pesticide requirement (lit)								
Dupont Coragen	0.2	-	-	-	-	-	-	-
Confidor Boyer	0.5	-	-	-	-	-	-	-

Facility 5 - Profit and loss of Agri Input

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

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue from selling to farmers									
Seeds (Rate/KG)									
Kharif Crops		Rate/kg							
Soybean		90	-	-	-	-	-	-	-
Red Gram/Tur		90	-	-	-	-	-	-	-
Paddy/Rice			-	-	-	-	-	-	-
Green Gram/ Moong		100	-	-	-	-	-	-	-
Maize			-	-	-	-	-	-	-
Black Gram/Udid		100	-	-	-	-	-	-	-
Bajra			-	-	-	-	-	-	-
Jawar			-	-	-	-	-	-	-
Rabi Crop									
Wheat			-	-	-	-	-	-	-
Bengal Gram/Channa		80	-	-	-	-	-	-	-
Jawar			-	-	-	-	-	-	-
Maize			-	-	-	-	-	-	-
Safflower			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
Summer									
Groundnut			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details									
Onion			-	-	-	-	-	-	-
Tomato			-	-	-	-	-	-	-
Okra			-	-	-	-	-	-	-
Chilli			-	-	-	-	-	-	-
Potato			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-

0			-	-	-	-	-	-	-
Onion			-	-	-	-	-	-	-
Tomato			-	-	-	-	-	-	-
Okra			-	-	-	-	-	-	-
Chilli			-	-	-	-	-	-	-
Brinjal			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
Pomegranate			-	-	-	-	-	-	-
Custard Apple			-	-	-	-	-	-	-
Guava			-	-	-	-	-	-	-
Citrus			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
Fertilizer(Rate/KG)		Rate/kg							
SSP		380	-	-	-	-	-	-	-
Urea		255	-	-	-	-	-	-	-
DAP		1,275	-	-	-	-	-	-	-
Pesticide		Rate/lit							
Dupont Coragen			-	-	-	-	-	-	-
Confidor Boyer			-	-	-	-	-	-	-
Total Revenue			-	-	-	-	-	-	-
Expenses									
Seeds (Rate/KG)									
Variable Cost									
FPC purchase rate									
Soybean			-	-	-	-	-	-	-
Red Gram/Tur		75	-	-	-	-	-	-	-
Paddy/Rice			-	-	-	-	-	-	-
Green Gram/ Moong		85	-	-	-	-	-	-	-
Maize			-	-	-	-	-	-	-
Black Gram/Udid		85	-	-	-	-	-	-	-
Bajra			-	-	-	-	-	-	-
Jawar			-	-	-	-	-	-	-
Rabi Crop			-	-	-	-	-	-	-
Wheat			-	-	-	-	-	-	-
Bengal Gram/Channa		70	-	-	-	-	-	-	-
Jawar		25	-	-	-	-	-	-	-
Maize		25	-	-	-	-	-	-	-
Safflower		25	-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
0			-	-	-	-	-	-	-
Summer			-	-	-	-	-	-	-
Groundnut			-	-	-	-	-	-	-

Total Fixed Cost			-	-	-	-	-	-	-
Operating cost			-	-	-	-	-	-	-
Operating Profit			-	-	-	-	-	-	-

This sheet provide details of sale, expenses and operating profit of agri input activity

Facility 6 - Cattle Feed
17.1 Producer/Capacity Utilization

Capacity	10	Qtls P Hour
No. of Hours	8	

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Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	131	146	160	175	190	204	219
Maize	6632.28	7369.2	8106.12	8843.04	9579.96	10316.88	11053.8
Maize	3868.83	4298.7	4728.57	5158.44	5588.31	6018.18	6448.05
Total Quantity to be Processed	10501.11	11667.9	12834.69	14001.48	15168.27	16335.06	17501.85
Job Work (50%)	0%	0%	0%	0%	0%	0%	0%
Quantity for Processing and Trading for PC	100%	100%	100%	100%	100%	100%	100%
Job Work (50%)	-	-	-	-	-	-	-
Quantity for sale (50%)							
Maize	6,632	7,369	8,106	8,843	9,580	10,317	11,054
Maize	3,869	4,299	4,729	5,158	5,588	6,018	6,448
Output (KG)							
Cattle Feed	10,501.11	11,667.90	12,834.69	14,001.48	15,168.27	16,335.06	17,501.85

Packaging (In Kg)							
Pomegranate Arils 1 Kg	21,002.22	23,335.80	25,669.38	28,002.96	30,336.54	32,670.12	35,003.70
Pomegranate Juice 1 Ltrs	-	-	-	-	-	-	-
Pomegranate Peel Powder 1 Kg	-	-	-	-	-	-	-

17.2 Activity 6 - Profit and loss of Cattle Feed

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

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue									
Cattle Feed	50 Kg	1200	24,698,611	29,344,302	33,898,843	38,835,478	44,181,029	49,964,047	56,214,914
Revenue			24,698,611	29,344,302	33,898,843	38,835,478	44,181,029	49,964,047	56,214,914
Expenses									
Variable Cost									
Maize	Quintals	1,700	17,851,887	20,827,202	24,055,418	27,554,388	31,343,116	35,441,831	39,872,060
Other Consumbales	Quintals	2000	2,100,222	2,450,259	2,830,049	3,241,693	3,687,425	4,169,627	4,690,831

Daily Labour	5	300	196,896	229,712	265,317	303,909	345,696	390,903	439,765
Electricity Charges	346.144	8	363,490	424,071	489,802	561,046	638,190	721,646	811,851
packaging Exp		25	525,056	612,565	707,512	810,423	921,856	1,042,407	1,172,708
Transportation Charges		30	630,067	735,078	849,015	972,508	1,106,228	1,250,888	1,407,249
Add: Opening Stock				433,352	505,578	583,942	668,879	760,850	860,346
Less: Closing Stock			433,352	505,578	583,942	668,879	760,850	860,346	967,889
Total Variable Cost			21,234,264	25,206,661	29,118,749	33,359,029	37,950,541	42,917,806	48,286,921
Fixed Cost									
Machine Operator	1	12,000	144,000	151,200	158,760	166,698	175,033	183,785	192,974
Support Staff	2	8,000	192,000	201,600	211,680	222,264	233,377	245,046	257,298
Fixed Cost			336,000	352,800	370,440	388,962	408,410	428,831	450,272
Total expenses			21,570,264	25,559,461	29,489,189	33,747,991	38,358,951	43,346,636	48,737,193
Operating Profit			3,128,347	3,784,841	4,409,654	5,087,487	5,822,079	6,617,411	7,477,721

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