

### 1.1 Total Project Cost

Sr. No.	Particular	Amount (Rs.)	Grant (%)	Grant Amount (Rs.)
1	Land and Building	2,12,10,836	60%	1,27,26,502
2	Machinery and Equipment	75,05,460	60%	45,03,276
3	Furniture and Fixture	-	60%	-
4	IT & It Infrastructure	-	60%	-
5	Transport vehicle (Refer van and other)	-	60%	-
6	Preliminary Expenses	15,25,000	60%	9,15,000
7	Working Capital	7,10,122		
<b>Total</b>		<b>3,09,51,418</b>		<b>1,81,44,778</b>

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

### 1.2 Means of Finance

Sr. No.	Particular	Bank Loan (%)	Amount (Rs.)
1	Govt. Grant under SMART Project		1,81,44,778
2	Bank Finance - Long Term Loan	20%	61,90,284
3	Own Contribution		66,16,357
<b>Total</b>			<b>3,09,51,418</b>

This sheet provide details of how total project cost will raised

### 1.3 Financial Indicators

Sr. No.	Financial ratio	Estimated	Result	Permissible limit
1	Break Even Point (BEP)	55.50%	Project Viable	BEP shall be less than 60%
2	Avg. Return on Capital Employed Average (ROCE)	25.23%	Project Viable	RoCE for the project shall be more than 20%
3	Internal Rate of Return (IRR)	14.05%	Project Viable	The project internal rate of return shall be more than 12%
4	Net present value (at a discount rate of 10 per cent)	19,33,097	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	4.85	Project Viable	The Pack Back Period (Project/ Equity) shall be less than 7 years
6	Debt Service Coverage Ratio (DSCR)	2.10	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	Warehouse 1/2000 MT	12000 Sq. ft.	1	93,72,269	93,72,269
	Above Plinth [PEB WH Structure]	12000 Sq. ft.	1	72,50,003	72,50,003
	Internal Road		1	16,66,775	16,66,775
	Electrification		1	1,90,803	1,90,803
	Cost of Royalty & Q.C. Testing Charges		1	3,74,227	3,74,227
	Material Lab Testing		1	-	-
	Add GST 12%		1	22,62,489	22,62,489
	Add 0.50 %Labour Insurance		1	94,270	94,270
					-
					-
	<b>Total</b>				<b>2,12,10,836</b>

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
<b>A</b>	<b>Custom Hiring</b>					
1	Dasmesh 9100 Plasma Plus Self Propelled Combine Harvester Machinery	HP	1	23,66,071	23,66,071	
	GST 12%		1	2,83,929	2,83,929	
	<b>Subtotal</b>				<b>26,50,000</b>	
<b>B</b>	<b>Dal Mill Unit</b>					
	<b>Subtotal</b>					
<b>C</b>	<b>Cleaning &amp; Grading</b>					
1	Cleaning & Grading Machinery	4 TPH				
	V.B. Bucket Elevator (x6)	HP	1	4,80,000	4,80,000	1
	PRE Cleaner IB 6 Model with Foundation Frame	HP	1	4,85,000	4,85,000	7
	Seed Grader/Fine Cleaner IB 6 Model with Foundation Frame	HP	1	6,85,000	6,85,000	9.5
	7 Fan Gravity Separator IB 6 Model (Panel With VFD)	HP	1	4,25,000	4,25,000	12
	Vibro Destoner	HP	1	4,75,000	4,75,000	10.5
	Surge Bin (x3)		1	1,20,000	1,20,000	
	Erection Charges		1	50,000	50,000	
	GST @5%		1	1,36,000	1,36,000	
2	Weighbridge	60 Ton	1	14,99,460	14,99,460	15
3	Generator	62.5 KVA	1	5,00,000	5,00,000	3
	<b>Subtotal</b>				<b>48,55,460</b>	<b>58</b>
<b>D</b>	<b>F &amp; V Processing Machinery</b>					
	<b>Subtotal</b>					
	<b>Total</b>				<b>75,05,460</b>	<b>58</b>

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

2.6

**Preliminary Expenses**

Sr. No.	Particular	Amount (Rs.)
1	Legal Fees, Professional Fees, Land Development, Administration & Other Expenses	15,25,000
	<b>Total</b>	<b>15,25,000</b>

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

### 3.1 Schedule of General Admin Expenses

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	15,000	1,80,000	1,89,000	1,98,450	2,08,373	2,18,791	2,29,731	2,41,217
Accountant	No.	1	10,000	1,20,000	1,26,000	1,32,300	1,38,915	1,45,861	1,53,154	1,60,811
Watchmen	No.	2	8,000	1,92,000	2,01,600	2,11,680	2,22,264	2,33,377	2,45,046	2,57,298
Telephone and internet Exp	Months	12	1,250	15,000	15,750	16,538	17,364	18,233	19,144	20,101
Office Electricity Exp	Months	12	1,500	18,000	18,900	19,845	20,837	21,879	22,973	24,122
Printing & Stationary	Months	12	1,500	18,000	18,900	19,845	20,837	21,879	22,973	24,122
Land Lease	Months	12	167	2,004	2,104	2,209	2,320	2,436	2,558	2,686
Misc. Expenses	Months	12	4,500	54,000	56,700	59,535	62,512	65,637	68,919	72,365
Audit and Legal Compliances expenses	Lumsum	1	50,000	50,000	52,500	55,125	57,881	60,775	63,814	67,005
				-	-	-	-	-	-	-
<b>Total Admin Expense</b>				<b>6,49,004</b>	<b>6,81,454</b>	<b>7,15,527</b>	<b>7,51,303</b>	<b>7,88,868</b>	<b>8,28,312</b>	<b>8,69,727</b>

### 3.2 Depreciation

As per companies Act

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Assets</b>							
<b>Building</b>							
Asset Value	2,12,10,836	2,05,38,452	1,98,66,069	1,91,93,685	1,85,21,302	1,78,48,918	1,71,76,535
Depreciation	6,72,383	6,72,383	6,72,383	6,72,383	6,72,383	6,72,383	6,72,383
Accumulated Depreciation	6,72,383	13,44,767	20,17,150	26,89,534	33,61,917	40,34,301	47,06,684
Net Fixed Assets	2,05,38,452	1,98,66,069	1,91,93,685	1,85,21,302	1,78,48,918	1,71,76,535	1,65,04,151
<b>Plant and Machinery</b>							
Asset Value	75,05,460	70,30,364	65,55,269	60,80,173	56,05,078	51,29,982	46,54,886
Depreciation	4,75,096	4,75,096	4,75,096	4,75,096	4,75,096	4,75,096	4,75,096
Accumulated Depreciation	4,75,096	9,50,191	14,25,287	19,00,382	23,75,478	28,50,574	33,25,669
Net Fixed Assets	70,30,364	65,55,269	60,80,173	56,05,078	51,29,982	46,54,886	41,79,791
<b>Furniture and Electrification</b>							
<b>Vehicle</b>							
<b>IT Infrastructure</b>							
<b>Gross Fixed Asset</b>	<b>2,87,16,296</b>	<b>2,75,68,817</b>	<b>2,64,21,338</b>	<b>2,52,73,858</b>	<b>2,41,26,379</b>	<b>2,29,78,900</b>	<b>2,18,31,421</b>
<b>Total Depreciation</b>	<b>11,47,479</b>	<b>11,47,479</b>	<b>11,47,479</b>	<b>11,47,479</b>	<b>11,47,479</b>	<b>11,47,479</b>	<b>11,47,479</b>
<b>Accumulated Depreciation</b>	<b>11,47,479</b>	<b>22,94,958</b>	<b>34,42,437</b>	<b>45,89,916</b>	<b>57,37,396</b>	<b>68,84,875</b>	<b>80,32,354</b>
<b>Net Fixed Assets</b>	<b>2,75,68,817</b>	<b>2,64,21,338</b>	<b>2,52,73,858</b>	<b>2,41,26,379</b>	<b>2,29,78,900</b>	<b>2,18,31,421</b>	<b>2,06,83,942</b>

**Amortization: Straight Line Method (SLM) is used**

Companies Act 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	3,05,000	3,05,000	3,05,000	3,05,000	3,05,000	-	-
<b>Total Value</b>		<b>3,05,000</b>	<b>3,05,000</b>	<b>3,05,000</b>	<b>3,05,000</b>	<b>3,05,000</b>	-	-
	1525000	12,20,000	9,15,000	6,10,000	3,05,000	-		

### 3.4 Tax Schedule

Particulars		Y1	Y2	Y3	Y4	Y5	Y6	Y7
EBT		4,01,955	12,53,487	18,70,733	25,56,565	32,95,616	42,31,245	49,03,753
Add Depreciation as per companies Act		11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479
Less Depreciation as per IT Act		32,46,903	28,65,921	25,31,482	22,37,664	19,79,327	17,52,011	15,51,833
Taxable Income		-16,97,468	-4,64,956	4,86,730	14,66,381	24,63,767	36,26,714	44,99,400
Accumulated Losses C/f	0	-16,97,468	-4,64,956	0	0	0	0	0
Net Taxable profit		0	0	21,774	14,66,381	24,63,767	36,26,714	44,99,400
<b>Tax as per regular provision</b>		<b>0</b>	<b>0</b>	<b>5,661</b>	<b>3,81,259</b>	<b>6,40,579</b>	<b>9,42,946</b>	<b>11,69,844</b>
MAT		76371	238162	355439	485747	626167	803937	931713
<b>Provision for Income Tax</b>		<b>76,371</b>	<b>2,38,162</b>	<b>3,55,439</b>	<b>4,85,747</b>	<b>6,40,579</b>	<b>9,42,946</b>	<b>11,69,844</b>
Maximum Tax rate		26%						
Minimum Alternate Tax			19%					

This Sheet refer for provision of tax calculation

## 4.1 Repayment Schedule

Loan Amount (Rs)	61,90,284
Interest rate /PA	10%
Loan Tenure in years	7
Moratorium Period (In Months)	12
EMI	Rs. 1,14,680.19

Year	Particulars	Opening Balance	Interest	Principal Repayment	EMI	Closing Outstanding
Year 1	Month 1	61,90,284	51,586	-	51,586	61,90,284
	Month 2	61,90,284	51,586	-	51,586	61,90,284
	Month 3	61,90,284	51,586	-	51,586	61,90,284
	Month 4	61,90,284	51,586	-	51,586	61,90,284
	Month 5	61,90,284	51,586	-	51,586	61,90,284
	Month 6	61,90,284	51,586	-	51,586	61,90,284
	Month 7	61,90,284	51,586	-	51,586	61,90,284
	Month 8	61,90,284	51,586	-	51,586	61,90,284
	Month 9	61,90,284	51,586	-	51,586	61,90,284
	Month 10	61,90,284	51,586	-	51,586	61,90,284
	Month 11	61,90,284	51,586	-	51,586	61,90,284
	Month 12	61,90,284	51,586	-	51,586	61,90,284
Year 2	Month 13	61,90,284	51,586	63,094	1,14,680	61,27,189
	Month 14	61,27,189	51,060	63,620	1,14,680	60,63,569
	Month 15	60,63,569	50,530	64,150	1,14,680	59,99,418
	Month 16	59,99,418	49,995	64,685	1,14,680	59,34,733
	Month 17	59,34,733	49,456	65,224	1,14,680	58,69,509
	Month 18	58,69,509	48,913	65,768	1,14,680	58,03,742
	Month 19	58,03,742	48,365	66,316	1,14,680	57,37,426
	Month 20	57,37,426	47,812	66,868	1,14,680	56,70,558
	Month 21	56,70,558	47,255	67,426	1,14,680	56,03,132
	Month 22	56,03,132	46,693	67,987	1,14,680	55,35,145
	Month 23	55,35,145	46,126	68,554	1,14,680	54,66,591
	Month 24	54,66,591	45,555	69,125	1,14,680	53,97,465
Year 3	Month 25	53,97,465	44,979	69,701	1,14,680	53,27,764
	Month 26	53,27,764	44,398	70,282	1,14,680	52,57,482
	Month 27	52,57,482	43,812	70,868	1,14,680	51,86,614
	Month 28	51,86,614	43,222	71,458	1,14,680	51,15,156
	Month 29	51,15,156	42,626	72,054	1,14,680	50,43,102
	Month 30	50,43,102	42,026	72,654	1,14,680	49,70,448
	Month 31	49,70,448	41,420	73,260	1,14,680	48,97,188
	Month 32	48,97,188	40,810	73,870	1,14,680	48,23,317
	Month 33	48,23,317	40,194	74,486	1,14,680	47,48,832
	Month 34	47,48,832	39,574	75,107	1,14,680	46,73,725
	Month 35	46,73,725	38,948	75,732	1,14,680	45,97,992
	Month 36	45,97,992	38,317	76,364	1,14,680	45,21,629

Year 4	Month 37	45,21,629	37,680	77,000	1,14,680	44,44,629
	Month 38	44,44,629	37,039	77,642	1,14,680	43,66,987
	Month 39	43,66,987	36,392	78,289	1,14,680	42,88,699
	Month 40	42,88,699	35,739	78,941	1,14,680	42,09,758
	Month 41	42,09,758	35,081	79,599	1,14,680	41,30,159
	Month 42	41,30,159	34,418	80,262	1,14,680	40,49,897
	Month 43	40,49,897	33,749	80,931	1,14,680	39,68,966
	Month 44	39,68,966	33,075	81,605	1,14,680	38,87,360
	Month 45	38,87,360	32,395	82,286	1,14,680	38,05,075
	Month 46	38,05,075	31,709	82,971	1,14,680	37,22,103
	Month 47	37,22,103	31,018	83,663	1,14,680	36,38,441
	Month 48	36,38,441	30,320	84,360	1,14,680	35,54,081
Year 5	Month 49	35,54,081	29,617	85,063	1,14,680	34,69,018
	Month 50	34,69,018	28,908	85,772	1,14,680	33,83,246
	Month 51	33,83,246	28,194	86,486	1,14,680	32,96,760
	Month 52	32,96,760	27,473	87,207	1,14,680	32,09,553
	Month 53	32,09,553	26,746	87,934	1,14,680	31,21,619
	Month 54	31,21,619	26,013	88,667	1,14,680	30,32,952
	Month 55	30,32,952	25,275	89,406	1,14,680	29,43,546
	Month 56	29,43,546	24,530	90,151	1,14,680	28,53,396
	Month 57	28,53,396	23,778	90,902	1,14,680	27,62,494
	Month 58	27,62,494	23,021	91,659	1,14,680	26,70,834
	Month 59	26,70,834	22,257	92,423	1,14,680	25,78,411
	Month 60	25,78,411	21,487	93,193	1,14,680	24,85,218
Year 6	Month 61	24,85,218	20,710	93,970	1,14,680	23,91,248
	Month 62	23,91,248	19,927	94,753	1,14,680	22,96,495
	Month 63	22,96,495	19,137	95,543	1,14,680	22,00,952
	Month 64	22,00,952	18,341	96,339	1,14,680	21,04,613
	Month 65	21,04,613	17,538	97,142	1,14,680	20,07,471
	Month 66	20,07,471	16,729	97,951	1,14,680	19,09,520
	Month 67	19,09,520	15,913	98,768	1,14,680	18,10,752
	Month 68	18,10,752	15,090	99,591	1,14,680	17,11,162
	Month 69	17,11,162	14,260	1,00,421	1,14,680	16,10,741
	Month 70	16,10,741	13,423	1,01,257	1,14,680	15,09,484
	Month 71	15,09,484	12,579	1,02,101	1,14,680	14,07,383
	Month 72	14,07,383	11,728	1,02,952	1,14,680	13,04,431
Year 7	Month 73	13,04,431	10,870	1,03,810	1,14,680	12,00,621
	Month 74	12,00,621	10,005	1,04,675	1,14,680	10,95,946
	Month 75	10,95,946	9,133	1,05,547	1,14,680	9,90,399
	Month 76	9,90,399	8,253	1,06,427	1,14,680	8,83,972
	Month 77	8,83,972	7,366	1,07,314	1,14,680	7,76,658
	Month 78	7,76,658	6,472	1,08,208	1,14,680	6,68,450
	Month 79	6,68,450	5,570	1,09,110	1,14,680	5,59,340
	Month 80	5,59,340	4,661	1,10,019	1,14,680	4,49,321
	Month 81	4,49,321	3,744	1,10,936	1,14,680	3,38,385
	Month 82	3,38,385	2,820	1,11,860	1,14,680	2,26,525
	Month 83	2,26,525	1,888	1,12,792	1,14,680	1,13,732
	Month 84	1,13,732	948	1,13,732	1,14,680	0

2685718.44

6190283.63

**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			28,29,076	33,41,846	38,98,820	45,03,137	51,58,139	58,67,383
Trading			19,44,889	21,88,094	24,27,293	26,82,126	29,53,462	32,42,213
Grain Processing			-	-	-	-	-	-
Horticulture Processing			-	-	-	-	-	-
Total			47,73,964	55,29,940	63,26,113	71,85,263	81,11,601	91,09,597
Closing Stock								
Agri Input	3%	28,29,076	33,41,846	38,98,820	45,03,137	51,58,139	58,67,383	66,34,656
Trading	3%	19,44,889	21,88,094	24,27,293	26,82,126	29,53,462	32,42,213	35,49,486
Grain Processing	5%	-	-	-	-	-	-	-
Horticulture Processing	5%	-	-	-	-	-	-	-
Total		47,73,964	55,29,940	63,26,113	71,85,263	81,11,601	91,09,597	1,01,84,143

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
<b>A</b>	<b>Accounts Receivables (Debtors)</b>								
1	Agri Input	14	43,54,225	52,58,601	61,36,714	70,89,492	81,22,206	92,40,467	1,04,50,249
2	Custom Hiring	14	38,663	40,596	42,626	44,757	46,995	49,345	51,812
3	Cleaning & Grading	7	15,01,059	17,28,925	19,18,154	21,19,754	23,34,414	25,62,854	28,05,835
4	Dal Mill	14	-	-	-	-	-	-	-
5	Warehouse	14	76,166	85,687	95,055	1,05,036	1,15,663	1,20,290	1,25,101
6	Processing Unit - Horti Commodity	14	-	-	-	-	-	-	-
	Subtotal		59,70,113	71,13,809	81,92,549	93,59,039	1,06,19,278	1,19,72,956	1,34,32,998
<b>B</b>	<b>Closing Stock</b>		47,73,964	55,29,940	63,26,113	71,85,263	81,11,601	91,09,597	1,01,84,143
	<b>Total</b>		<b>1,07,44,078</b>	<b>1,26,43,749</b>	<b>1,45,18,662</b>	<b>1,65,44,302</b>	<b>1,87,30,878</b>	<b>2,10,82,553</b>	<b>2,36,17,140</b>
<b>C</b>	<b>Accounts Payable &amp; Accrued Expenses (Creditors)</b>								
1	Agri Input	7	21,61,587	26,07,631	30,43,027	35,15,444	40,27,495	45,81,963	51,81,808
2	Custom Hiring	7	8,708	9,144	9,601	10,081	10,585	11,114	11,670
3	Cleaning & Grading	7	14,65,061	16,85,564	18,70,414	20,66,964	22,76,246	24,98,963	27,35,965
4	Dal Mill	7	-	-	-	-	-	-	-
5	Warehouse	7	7,498	7,873	8,188	8,515	8,856	9,210	9,578
	Processing Unit - Horti Commodity	7	-	-	-	-	-	-	-
	Total		36,42,855	43,10,212	49,31,230	56,01,004	63,23,182	71,01,250	79,39,021
<b>D</b>	<b>Working Capital</b>		<b>71,01,223</b>	<b>83,33,538</b>	<b>95,87,432</b>	<b>1,09,43,298</b>	<b>1,24,07,697</b>	<b>1,39,81,303</b>	<b>1,56,78,119</b>
	Own Contribution	10%	7,10,122						

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

Assumption:

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

### 6.1 Consolidated Profit and loss account for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>							
Facility 1 - Cleaning & Grading	7,82,69,511	9,01,51,105	10,00,18,015	11,05,30,037	12,17,22,991	13,36,34,534	14,63,04,243
Facility 2 - Processing Unit- Dal Mill	-	-	-	-	-	-	-
Facility 3 - Warehouse	19,85,760	22,33,980	24,78,228	27,38,442	30,15,508	31,36,129	32,61,574
Facility 4 - Custom Hiring	10,08,000	10,58,400	11,11,320	11,66,886	12,25,230	12,86,492	13,50,816
Facility 5 - Agri Input Centre	11,35,20,869	13,70,99,234	15,99,92,896	18,48,33,176	21,17,57,501	24,09,12,177	27,24,52,926
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
<b>Total Revenue</b>	<b>19,47,84,140</b>	<b>23,05,42,719</b>	<b>26,36,00,459</b>	<b>29,92,68,541</b>	<b>33,77,21,231</b>	<b>37,89,69,331</b>	<b>42,33,69,559</b>
<b>Variable Cost</b>							
Facility 1 - Cleaning & Grading	7,63,92,491	8,78,90,138	9,75,28,720	10,77,77,412	11,86,89,953	13,03,03,053	14,26,61,022
Facility 2 - Processing Unit- Dal Mill	-	-	-	-	-	-	-
Facility 3 - Warehouse	3,90,960	4,10,508	4,26,928	4,44,005	4,61,766	4,80,236	4,99,446
Facility 4 - Custom Hiring	4,54,080	4,76,784	5,00,623	5,25,654	5,51,937	5,79,534	6,08,511
Facility 5 - Agri Input Centre	11,27,11,313	13,59,69,315	15,86,72,125	18,33,05,292	21,00,05,096	23,89,16,617	27,01,94,278
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
<b>Total Variable Cost</b>	<b>18,99,48,845</b>	<b>22,47,46,745</b>	<b>25,71,28,396</b>	<b>29,20,52,364</b>	<b>32,97,08,752</b>	<b>37,02,79,441</b>	<b>41,39,63,256</b>
<b>Fixed Cost</b>							
Facility 1 - Cleaning & Grading	5,40,000	5,67,000	5,89,680	6,13,267	6,37,798	6,63,310	6,89,842
Facility 2 - Processing Unit- Dal Mill	-	-	-	-	-	-	-
Facility 3 - Warehouse	4,45,342	4,69,753	4,92,046	5,15,540	5,40,295	5,57,665	5,75,729
Facility 4 - Custom Hiring	2,14,450	2,23,450	2,32,900	2,42,823	2,53,241	2,64,181	2,75,667
Facility 5 - Agri Input Centre	3,00,000	3,15,000	3,30,750	3,47,288	3,64,652	3,82,884	4,02,029
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Admin Expenses	6,49,004	6,81,454	7,15,527	7,51,303	7,88,868	8,28,312	8,69,727
<b>Total Fixed Cost</b>	<b>21,48,796</b>	<b>22,56,657</b>	<b>23,60,903</b>	<b>24,70,220</b>	<b>25,84,855</b>	<b>26,96,352</b>	<b>28,12,995</b>
<b>Total Cost</b>	<b>19,20,97,641</b>	<b>22,70,03,403</b>	<b>25,94,89,299</b>	<b>29,45,22,584</b>	<b>33,22,93,606</b>	<b>37,29,75,792</b>	<b>41,67,76,251</b>
<b>Profit Before Depreciation, Interest and Tax</b>	<b>26,86,499</b>	<b>35,39,316</b>	<b>41,11,161</b>	<b>47,45,957</b>	<b>54,27,625</b>	<b>59,93,539</b>	<b>65,93,308</b>
Depreciation	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479
Amortization	3,05,000	3,05,000	3,05,000	3,05,000	3,05,000	-	-
<b>Profit Before Interest and Tax</b>	<b>12,34,020</b>	<b>20,86,837</b>	<b>26,58,682</b>	<b>32,93,478</b>	<b>39,75,146</b>	<b>48,46,059</b>	<b>54,45,829</b>
Interest on Term loan	8,32,065	8,33,350	7,87,949	7,36,913	6,79,530	6,14,814	5,42,075
<b>Profit Before Tax</b>	<b>4,01,955</b>	<b>12,53,487</b>	<b>18,70,733</b>	<b>25,56,565</b>	<b>32,95,616</b>	<b>42,31,245</b>	<b>49,03,753</b>
Less. Tax	76,371	2,38,162	3,55,439	4,85,747	6,40,579	9,42,946	11,69,844
<b>Profit After Tax</b>	<b>3,25,584</b>	<b>10,15,325</b>	<b>15,15,294</b>	<b>20,70,818</b>	<b>26,55,036</b>	<b>32,88,299</b>	<b>37,33,910</b>
Less. Dividend	65,117	2,03,065	3,03,059	4,14,164	5,31,007	6,57,660	7,46,782
<b>Profit After Tax Dividend</b>	<b>2,60,467</b>	<b>8,12,260</b>	<b>12,12,235</b>	<b>16,56,654</b>	<b>21,24,029</b>	<b>26,30,640</b>	<b>29,87,128</b>
Cumulative Profit	2,60,467	10,72,727	22,84,962	39,41,617	60,65,645	86,96,285	1,16,83,413

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 Balance Sheet for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>ASSETS</b>							
<b>Current Assets</b>							
Cash and Bank Balance	24,23,069	40,98,054	61,89,991	87,45,740	1,17,84,392	1,50,39,384	1,86,16,342
Accounts Receivables							
Other Current Assets							
<b>Total Current Assets</b>	<b>24,23,069</b>	<b>40,98,054</b>	<b>61,89,991</b>	<b>87,45,740</b>	<b>1,17,84,392</b>	<b>1,50,39,384</b>	<b>1,86,16,342</b>
Gross Fixed Assets	2,87,16,296	2,75,68,817	2,64,21,338	2,52,73,858	2,41,26,379	2,29,78,900	2,18,31,421
Less: Depreciation	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479
<b>Net Fixed Assets</b>	<b>2,75,68,817</b>	<b>2,64,21,338</b>	<b>2,52,73,858</b>	<b>2,41,26,379</b>	<b>2,29,78,900</b>	<b>2,18,31,421</b>	<b>2,06,83,942</b>
<b>Preliminary &amp; Pre- operative Expenses</b>	<b>12,20,000</b>	<b>9,15,000</b>	<b>6,10,000</b>	<b>3,05,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL ASSETS</b>	<b>3,12,11,885</b>	<b>3,14,34,392</b>	<b>3,20,73,849</b>	<b>3,31,77,119</b>	<b>3,47,63,292</b>	<b>3,68,70,805</b>	<b>3,93,00,284</b>
<b>LIABILITIES &amp; SHAREHOLDERS EQUITY</b>							
<b>CURRENT LIABILITIES</b>							
Short Term Debt (Working capital loan)							
Accounts Payable & Accrued Expenses							
Other Current Liabilities							
<b>Total Current Liabilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Secured Long Term Debt</b>	<b>61,90,284</b>	<b>53,97,465</b>	<b>45,21,629</b>	<b>35,54,081</b>	<b>24,85,218</b>	<b>13,04,431</b>	<b>0</b>
<b>Differed Tax Liabilities</b>							
<b>TOTAL LIABILITIES</b>	<b>61,90,284</b>	<b>53,97,465</b>	<b>45,21,629</b>	<b>35,54,081</b>	<b>24,85,218</b>	<b>13,04,431</b>	<b>0</b>
Share capital	66,16,357	66,16,357	66,16,357	66,16,357	66,16,357	66,16,357	66,16,357
Smart Grant -in-Aid	1,81,44,778	1,81,44,778	1,81,44,778	1,81,44,778	1,81,44,778	1,81,44,778	1,81,44,778
<b>Reserves and Surplus</b>							
Add: Opening Balance (P/L Account)	0	2,60,467	12,75,792	27,91,086	48,61,904	75,16,940	1,08,05,239
Profit & Loss) During the Year	2,60,467	10,15,325	15,15,294	20,70,818	26,55,036	32,88,299	37,33,910
Appropriation - Dividend							
Total Reserves	2,60,467	12,75,792	27,91,086	48,61,904	75,16,940	1,08,05,239	1,45,39,149
<b>TOTAL EQUITY</b>	<b>2,50,21,602</b>	<b>2,60,36,927</b>	<b>2,75,52,220</b>	<b>2,96,23,038</b>	<b>3,22,78,075</b>	<b>3,55,66,374</b>	<b>3,93,00,284</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>3,12,11,885</b>	<b>3,14,34,392</b>	<b>3,20,73,849</b>	<b>3,31,77,119</b>	<b>3,47,63,292</b>	<b>3,68,70,805</b>	<b>3,93,00,284</b>
<b>CONTROL TICKER</b>							
<b>(=Liability - Asset)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

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
<b>1</b>	<b>Operating Profit</b>							
	Total Revenue	19,47,84,140	23,05,42,719	26,36,00,459	29,92,68,541	33,77,21,231	37,89,69,331	42,33,69,559
<b>2</b>	<b>Equity/ Share capital</b>	66,16,357						
	<b>Reinvestment</b>							
<b>3</b>	<b>Smart Grant -in-Aid</b>	1,81,44,778						
<b>4</b>	<b>Long Term Loan</b>	61,90,284						
<b>5</b>	<b>Short Term Loan</b>	14,20,245	16,66,708	19,17,486	21,88,660	24,81,539	27,96,261	31,35,624
	<b>Sub Total (A)</b>	<b>22,71,55,803</b>	<b>23,22,09,426</b>	<b>26,55,17,946</b>	<b>30,14,57,200</b>	<b>34,02,02,770</b>	<b>38,17,65,591</b>	<b>42,65,05,183</b>
	<b>Cash Outflow (Rs.)</b>							
<b>1</b>	<b>Capital Expenditure</b>							
a	Land and Building	2,12,10,836						
b	Machinery and Equipment	75,05,460						
c	Furniture & Fixture	-						
d	It Infrastructure	-						
e	Dividend	65,117						
f	Preliminary Expenses	15,25,000						
<b>2</b>	<b>Operational Expenditure</b>							
a	Variable Cost	18,99,48,845	22,47,46,745	25,71,28,396	29,20,52,364	32,97,08,752	37,02,79,441	41,39,63,256
b	Fixed Cost	21,48,796	22,56,657	23,60,903	24,70,220	25,84,855	26,96,352	28,12,995
<b>3</b>	<b>Loan Repayment</b>							
	LTL - Principal	-	7,92,818	8,75,837	9,67,548	10,68,863	11,80,787	13,04,431
	LTL - Interest	6,19,028	5,83,344	5,00,326	4,08,614	3,07,299	1,95,375	71,731
	STL - Principal	14,20,245	16,66,708	19,17,486	21,88,660	24,81,539	27,96,261	31,35,624
	STL - Interest	2,13,036.70	2,50,006.14	2,87,622.96	3,28,298.94	3,72,230.91	4,19,439.09	4,70,343.57
<b>4</b>	<b>Tax</b>	76,371	2,38,162	3,55,439	4,85,747	6,40,579	9,42,946	11,69,844
	<b>Sub Total (B)</b>	<b>22,47,32,734</b>	<b>23,05,34,441</b>	<b>26,34,26,009</b>	<b>29,89,01,451</b>	<b>33,71,64,118</b>	<b>37,85,10,600</b>	<b>42,29,28,225</b>
	<b>Net Cash Flow (A-B)</b>	<b>24,23,069</b>	<b>16,74,986</b>	<b>20,91,936</b>	<b>25,55,749</b>	<b>30,38,652</b>	<b>32,54,992</b>	<b>35,76,958</b>
	Opening Cash and Bank		24,23,069	40,98,054	61,89,991	87,45,740	1,17,84,392	1,50,39,384
	<b>Cumulative Cash Balance</b>	<b>24,23,069</b>	<b>40,98,054</b>	<b>61,89,991</b>	<b>87,45,740</b>	<b>1,17,84,392</b>	<b>1,50,39,384</b>	<b>1,86,16,342</b>

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 & Dividend		2,60,467.33	8,12,259.75	12,12,235.11	16,56,654.36	21,24,028.91	26,30,639.59	29,87,127.64
Add: Deprecation		11,47,479.11	11,47,479.11	11,47,479.11	11,47,479.11	11,47,479.11	11,47,479.11	11,47,479.11
Add: Preliminary expense written off		3,05,000.00	3,05,000.00	3,05,000.00	3,05,000.00	3,05,000.00	0.00	0.00
Net Cash Accrual (A)		17,12,946.44	22,64,738.86	26,64,714.22	31,09,133.47	35,76,508.03	37,78,118.70	41,34,606.76
Initial Investment/ Net Cash Accrual	(1,20,96,518.3344)	17,12,946.44	22,64,738.86	26,64,714.22	31,09,133.47	35,76,508.03	37,78,118.70	41,34,606.76
<b>IRR</b>	<b>14.05%</b>							
Present Value Equivalent		0.88	0.77	0.67	0.59	0.52	0.45	0.40
Present Value of Future Inflows		15,01,991.39	17,41,267.32	17,96,476.81	18,37,951.31	18,53,862.41	17,17,186.84	16,47,782.25
Operating Net Cash Inflow					1,20,96,518.33			
Present Capital Outflow					3,09,51,418.16			
					-1,88,54,899.83			

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	7,82,69,511	9,01,51,105	10,00,18,015	11,05,30,037	12,17,22,991	13,36,34,534	14,63,04,243
Facility 2 - Processing Unit- Dal Mill	-	-	-	-	-	-	-
Facility 3 - Warehouse	19,85,760	22,33,980	24,78,228	27,38,442	30,15,508	31,36,129	32,61,574
Facility 4 - Custom Hiring	10,08,000	10,58,400	11,11,320	11,66,886	12,25,230	12,86,492	13,50,816
Facility 5 - Agri Input Centre	11,35,20,869	13,70,99,234	15,99,92,896	18,48,33,176	21,17,57,501	24,09,12,177	27,24,52,926
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Receipts	19,47,84,140	23,05,42,719	26,36,00,459	29,92,68,541	33,77,21,231	37,89,69,331	42,33,69,559
Total Variable Exp	18,99,48,845	22,47,46,745	25,71,28,396	29,20,52,364	32,97,08,752	37,02,79,441	41,39,63,256
<b>Contribution</b>	<b>48,35,296</b>	<b>57,95,973</b>	<b>64,72,063</b>	<b>72,16,177</b>	<b>80,12,480</b>	<b>86,89,890</b>	<b>94,06,303</b>
<b>Total Fixed exp</b>	<b>36,01,275</b>	<b>37,09,136</b>	<b>38,13,382</b>	<b>39,22,699</b>	<b>40,37,334</b>	<b>38,43,831</b>	<b>39,60,474</b>
BEP	74%	64%	59%	54%	50%	44%	42%

Average BEP 55.50%

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	2,60,467	8,12,260	12,12,235	16,56,654	21,24,029	26,30,640	29,87,128
Add: Deprecation	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479
Add: Preliminary exp Written off	3,05,000	3,05,000	3,05,000	3,05,000	3,05,000	0	0
Net Cash Accrual (A)	17,12,946	22,64,739	26,64,714	31,09,133	35,76,508	37,78,119	41,34,607
PV Factor @ 10 %	0.91	0.83	0.75	0.68	0.62	0.56	0.51
Disc Cash Flow	15,57,224	18,71,685	20,02,039	21,23,580	22,20,730	21,32,650	21,21,707
Total Discounted Cash Flows	1,40,29,615						
Present Value of Outflow	1,20,96,518						
NPV	19,33,096.57						

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	2,60,467	8,12,260	12,12,235	16,56,654	21,24,029	26,30,640	29,87,128
Average net profit	1669058.95						
Total Project cost/Capital Employed	6616357.03						
ROI	25.23%						

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	1,28,06,641							
Profit after Tax & Dividend		2,60,467	8,12,260	12,12,235	16,56,654	21,24,029	26,30,640	29,87,128
Add: Depreciation		11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479
Add: Preliminary exp Written off		3,05,000	3,05,000	3,05,000	3,05,000	3,05,000	-	-
Net Cash Accrual (A)		17,12,946	22,64,739	26,64,714	31,09,133	35,76,508	37,78,119	41,34,607
Cashflow - Initial Investment		(1,10,93,694)	(88,28,955)	(61,64,241)	(30,55,108)	5,21,400		

Payback period (in years) - Project

4.85

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

#### 9.6 Debt Service Coverage Ratio (DSCR)

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Operating Income	2,60,467	10,72,727	22,84,962	39,41,617	60,65,645	86,96,285	1,16,83,413
Add: Depreciation	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479	11,47,479
Add: Amortization	3,05,000	3,05,000	3,05,000	3,05,000	3,05,000	-	-
Interest on TL	8,32,065	8,33,350	7,87,949	7,36,913	6,79,530	6,14,814	5,42,075
Total	25,45,012	33,58,556	45,25,390	61,31,009	81,97,655	1,04,58,579	1,33,72,967
Total Annual EMI	14,20,245	24,59,526	27,93,323	31,56,208	35,50,402	39,77,048	44,40,055
Debt Service Coverage Ratio (DSCR)	1.79	1.37	1.62	1.94	2.31	2.63	3.01

Average DSCR

2.10

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
Net Income	29,28,264	1,50,66,452	1,72,91,184	1,97,09,384	2,23,13,686	2,49,42,005	2,77,61,786
Cost Variation (+5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Income	(68,10,942.91)	(76,98,021.20)	(87,45,259.14)	(98,56,661.00)	(1,10,57,812.68)	(1,25,20,433.48)	(1,41,04,855.16)
Quantity Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Income	24,44,735	32,49,517	37,87,558	43,85,148	50,27,001	55,59,044	61,22,993
Cost Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Net Income	1,21,83,942	1,47,76,653	1,69,67,580	1,93,48,575	2,19,13,062	2,45,07,511	2,72,91,470

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	261
Total No. of Non- members Cultivating Grain Crops	1000
<b>Total</b>	<b>1261</b>
Average Land Holding per Member (Acres)	3
Total Cultivated Land under grain Crop(Acres)	3783

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

Season	Crop	Cultivation In (%)	Total Land under Cultivation ( In Acres)	Yield/Acres (In Quintals)	Total Production (In Quintals)	Consumption in (%)	Marketable Surplus ( In Quintals)
Kharif	Soybean	90%	3404.7	10	34047	10%	30642.3
	Red Gram/Tur	10%	378.3	7	2648.1	5%	2515.695
	Paddy/Rice	0%	0	4	0	0%	0
	Green Gram/ Moong	0%	0	7	0	2%	0
	Maize	0%	0	20	0	0%	0
	Black Gram/Udid	0%	0	7	0	10%	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)	30%	1134.9				
Rabbi	Wheat	0%	0	10	0	10%	0
	Bengal Gram/Channa	80%	907.92	8	7263.36	10%	6537.024
	Jawar	0%	0	10	0	5%	0
	Maize	0%	0	20	0	0%	0
	Safflower	0%	0	5	0	0%	0
		0%	0	0	0	0%	0
		0%	0	0	0	0%	0
Area Under Summer Cultivation ( In Acres)	5%	189.15					
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	70% 75% 80% 85% 90% 95% 100%						
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	21449.61	22981.725	24513.84	26045.955	27578.07	29110.185	30642.3
Red Gram/Tur	1760.9865	1886.77125	2012.556	2138.34075	2264.1255	2389.91025	2515.695
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0
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	4575.9168	4902.768	5229.6192	5556.4704	5883.3216	6210.1728	6537.024
Jawar	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0
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	10%	15%	20%	25%	30%	35%	40%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	0	0	0	0	0	0	0
Red Gram/Tur	251.5695	377.35425	503.139	628.92375	754.7085	880.49325	1006.278
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0
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	653.7024	980.5536	1307.4048	1634.256	1961.1072	2287.9584	2614.8096
Jawar	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0
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	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	0	0	0

10.5 Crop-wise Area Considered for Agri Input Service Centre							
Particulars	20%	22.5%	25.0%	27.5%	30.0%	32.5%	35.0%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	680.94	766.0575	851.175	936.2925	1021.41	1106.5275	1191.645
Red Gram/Tur	75.66	85.1175	94.575	104.0325	113.49	122.9475	132.405
Paddy/Rice	0	0	0	0	0	0	0
Green Gram/ Moong	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0
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	181.584	204.282	226.98	249.678	272.376	295.074	317.772
Jawar	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0
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	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	0	0	0
0	0	0	0	0	0	0	0

Assumptions:

- 1 30% of total produce of the cluster will be traded in first year and it will increase ever year year by 5 %
- 2 10% of total produce of the cluster will be Process in first year and it will increase ever year 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**

Capacity 40 Quintals /Hour  
 No. of Hours 8  
 No. of Working Days 300

**Tentative Wastage Percentage**

Commodity	Percentage
Grains	3%
Fruit and Vegetabl	5%

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation	87.00	94.00	100.00	106.00	112.00	118.00	125.00
<b>Soybean</b>	<b>21,450</b>	<b>22,982</b>	<b>24,514</b>	<b>26,046</b>	<b>27,578</b>	<b>29,110</b>	<b>30,642</b>
<b>Red Gram/Tur</b>	<b>1,761</b>	<b>1,887</b>	<b>2,013</b>	<b>2,138</b>	<b>2,264</b>	<b>2,390</b>	<b>2,516</b>
<b>Bengal Gram/Channa</b>	<b>4,576</b>	<b>4,903</b>	<b>5,230</b>	<b>5,556</b>	<b>5,883</b>	<b>6,210</b>	<b>6,537</b>
-	-	-	-	-	-	-	-
<b>Total Grains Quantity to be Processed</b>	<b>27,787</b>	<b>29,771</b>	<b>31,756</b>	<b>33,741</b>	<b>35,726</b>	<b>37,710</b>	<b>39,695</b>
<b>Total F &amp; V Quantity to be Processed</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Job Work for Grains</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>
<b>Quantity for trading of Grains</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>	<b>50%</b>
<b>Job Work (50%)</b>	<b>13,893</b>	<b>14,886</b>	<b>15,878</b>	<b>16,870</b>	<b>17,863</b>	<b>18,855</b>	<b>19,848</b>
<b>Quantity for sale (50%)</b>							
Soybean	10,725	11,491	12,257	13,023	13,789	14,555	15,321
Red Gram/Tur	880	943	1,006	1,069	1,132	1,195	1,258
Bengal Gram/Channa	2,288	2,451	2,615	2,778	2,942	3,105	3,269
<b>Output</b>							
Soybean	10,456.68	11,203.59	11,950.50	12,697.40	13,444.31	14,191.22	14,938.12
Red Gram/Tur	858.48	919.80	981.12	1,042.44	1,103.76	1,165.08	1,226.40
Bengal Gram/Channa	2,230.76	2,390.10	2,549.44	2,708.78	2,868.12	3,027.46	3,186.80

## 12.2 Facility 1 - Profit and loss of Trading

100%      105.00%      109.200%      113.568%      118.111%      122.835%      127.749%

Particulars	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7	
<b>Revenue</b>									
Soybean	Quintals	6,000	6,11,71,607	7,04,64,985	7,81,77,313	8,63,93,883	9,51,42,695	10,44,53,182	11,43,56,280
Red Gram/Tur	Quintals	6,500	54,40,623	62,67,179	69,53,116	76,83,900	84,62,023	92,90,100	1,01,70,885
Bengal Gram/Channa	Quintals	5,200	1,13,09,950	1,30,28,193	1,44,54,117	1,59,73,269	1,75,90,827	1,93,12,233	2,11,43,206
<b>Job Work Charges</b>	Quintals	25	3,47,331	3,90,748	4,33,470	4,78,984	5,27,446	5,79,018	6,33,873
<b>Total Revenue</b>			<b>7,82,69,511</b>	<b>9,01,51,105</b>	<b>10,00,18,015</b>	<b>11,05,30,037</b>	<b>12,17,22,991</b>	<b>13,36,34,534</b>	<b>14,63,04,243</b>
<b>Expenses</b>									
<b>Variable Cost</b>									
Soybean	Quintals	5,600	6,00,58,908	6,75,66,272	7,49,53,517	8,28,23,636	9,12,03,440	10,01,21,109	10,96,06,267
Red Gram/Tur	Quintals	6,400	56,35,157	63,39,551	70,32,676	77,71,107	85,57,360	93,94,079	1,02,84,045
Bengal Gram/Channa	Quintals	4,700	1,07,53,404	1,20,97,580	1,34,20,249	1,48,29,375	1,63,29,759	1,79,26,446	1,96,24,741
Daily Labour	5	400	1,74,000	1,97,400	2,18,400	2,40,764	2,64,568	2,89,891	3,19,371
Electricity Charges	216.34	12	2,25,859	2,56,233	2,83,492	3,12,522	3,43,420	3,76,290	4,14,557
Gunny Bags/100 Kg		70	9,48,215	10,66,742	11,83,372	13,07,626	14,39,927	15,80,720	17,30,472
Transportation Cost/100 Kg		40	5,41,837	6,09,567	6,76,213	7,47,215	8,22,815	9,03,269	9,88,841
Add: Opening Stock				19,44,889	21,88,094	24,27,293	26,82,126	29,53,462	32,42,213
Less: Closing Stock			19,44,889	21,88,094	24,27,293	26,82,126	29,53,462	32,42,213	35,49,486
<b>Total Variable Cost</b>			<b>7,63,92,491</b>	<b>8,78,90,138</b>	<b>9,75,28,720</b>	<b>10,77,77,412</b>	<b>11,86,89,953</b>	<b>13,03,03,053</b>	<b>14,26,61,022</b>
<b>Fixed Cost</b>									
Machine Operator	1	15,000	1,80,000	1,89,000	1,96,560	2,04,422	2,12,599	2,21,103	2,29,947
Supervisor	2	10,000	2,40,000	2,52,000	2,62,080	2,72,563	2,83,466	2,94,804	3,06,597
Lab Technician	1	10,000	1,20,000	1,26,000	1,31,040	1,36,282	1,41,733	1,47,402	1,53,298
<b>Total Fixed Cost</b>			<b>5,40,000</b>	<b>5,67,000</b>	<b>5,89,680</b>	<b>6,13,267</b>	<b>6,37,798</b>	<b>6,63,310</b>	<b>6,89,842</b>
<b>Total Expenses</b>			<b>7,69,32,491</b>	<b>8,84,57,138</b>	<b>9,81,18,400</b>	<b>10,83,90,679</b>	<b>11,93,27,750</b>	<b>13,09,66,363</b>	<b>14,33,50,864</b>
<b>Operating Income</b>			<b>13,37,020</b>	<b>16,93,966</b>	<b>18,99,615</b>	<b>21,39,358</b>	<b>23,95,241</b>	<b>26,68,171</b>	<b>29,53,379</b>

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**

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.

**Facility 3 - Warehouse**  
**14.1 Capacity Utilization**

Capacity	2,000.00	MT
Godown capacity utilised for trading	30.00	MT
Capacity for rent computation	1,970.00	MT
No.of Month	12	

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Capacity Utilisation	70%	75%	80%	85%	90%	90%	90%
<b>Total Quantity Stored per Annum</b>	16,548.00	17,730.00	18,912.00	20,094.00	21,276.00	21,276.00	21,276.00

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

Particulars	Unit	Rate	100%	105.00%	109.200%	113.568%	118.111%	122.835%	127.749%
			Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Vegetable</b>									
Storage Charges per MT per Month		120	19,85,760	22,33,980	24,78,228	27,38,442	30,15,508	31,36,129	32,61,574
<b>Total Revenue</b>			19,85,760	22,33,980	24,78,228	27,38,442	30,15,508	31,36,129	32,61,574
<b>Expenses</b>									
<b>Variable Cost</b>									
Dunnage	MT	10	1,65,480	1,73,754	1,80,704	1,87,932	1,95,450	2,03,268	2,11,398
Fumigation	MT	10	1,65,480	1,73,754	1,80,704	1,87,932	1,95,450	2,03,268	2,11,398
Electricity		5,000	60,000	63,000	65,520	68,141	70,866	73,701	76,649
<b>Total Variable Cost</b>			<b>3,90,960</b>	<b>4,10,508</b>	<b>4,26,928</b>	<b>4,44,005</b>	<b>4,61,766</b>	<b>4,80,236</b>	<b>4,99,446</b>
<b>Fixed Cost</b>									
Warehouse Manager	1	12,000	1,44,000	1,51,200	1,57,248	1,63,538	1,70,079	1,76,883	1,83,958
Security Guard	1	8,000	96,000	1,00,800	1,04,832	1,09,025	1,13,386	1,17,922	1,22,639
Insurance for Godown Building			1,06,054	1,06,054	1,06,054	1,06,054	1,06,054	1,06,054	1,06,054
Insurance for stock in godown			99,288	1,11,699	1,23,911	1,36,922	1,50,775	1,56,806	1,63,079
<b>Total Fixed Cost</b>			<b>4,45,342</b>	<b>4,69,753</b>	<b>4,92,046</b>	<b>5,15,540</b>	<b>5,40,295</b>	<b>5,57,665</b>	<b>5,75,729</b>
<b>Total Expenses</b>			<b>8,36,302</b>	<b>8,80,261</b>	<b>9,18,974</b>	<b>9,59,545</b>	<b>10,02,061</b>	<b>10,37,901</b>	<b>10,75,175</b>
<b>Operating profit</b>			<b>11,49,458</b>	<b>13,53,719</b>	<b>15,59,255</b>	<b>17,78,898</b>	<b>20,13,447</b>	<b>20,98,227</b>	<b>21,86,399</b>

**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.

**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 Litres Diesel Required/acre	Total no. of Litres required	Service Charges/Acre (Amount (Rs.))	Labour Requirement	Total No. of Days Labour Required
1	Dasmesh 9100 Plasma Plus Self Propelled Combine Harvester Machinery	1	120	6	720	2	360	12	4320	2800	1	120
2												0
3		0										0
4												0
5												0
6												0
7												0
8												0
9												0
10					0	0			0			0

**15.2 Facility 4 - Profit and loss of Custom Hiring**

Particulars	Unit	No. of Unit	Rate	100%	105.00%	110.2500%	115.76%	121.55%	127.63%	134.01%
				Y1	Y2	Y3	Y4	Y5	Y6	Y7
<b>Revenue</b>										
<b>Custom Hiring Charges</b>										
Dasmesh 9100 Plasma Plus Self Propelled Combine Harvester Machinery		360	2800	10,08,000	10,58,400	11,11,320	11,66,886	12,25,230	12,86,492	13,50,816
		0	0	-	-	-	-	-	-	-
<b>Total Revenue</b>				10,08,000	10,58,400	11,11,320	11,66,886	12,25,230	12,86,492	13,50,816
<b>Expenses</b>										
<b>Variable Expenses</b>										
Diesel	Litres	4320	94	4,06,080	4,26,384	4,47,703	4,70,088	4,93,593	5,18,272	5,44,186
Daily Labour	No. of Days	120	400	48,000	50,400	52,920	55,566	58,344	61,262	64,325
<b>Total Variable Cost</b>				4,54,080	4,76,784	5,00,623	5,25,654	5,51,937	5,79,534	6,08,511
<b>Fixed Cost</b>										
Driver	No.	1	15,000	1,80,000	1,89,000	1,98,450	2,08,373	2,18,791	2,29,731	2,41,217
Repair & Maintenance				13,250	13,250	13,250	13,250	13,250	13,250	13,250
Insurance				21,200	21,200	21,200	21,200	21,200	21,200	21,200
<b>Total Fixed Cost</b>				2,14,450	2,23,450	2,32,900	2,42,823	2,53,241	2,64,181	2,75,667
<b>Total Expenses</b>				6,68,530	7,00,234	7,33,523	7,68,477	8,05,178	8,43,715	8,84,178
<b>Operating Income</b>				3,39,470	3,58,166	3,77,797	3,98,409	4,20,052	4,42,777	4,66,639

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
<b>Area under crop (In Acres)</b>								
<b>Kharif Crops</b>								
Soybean		681	766	851	936	1,021	1,107	1,192
Red Gram/Tur		76	85	95	104	113	123	132
<b>Rabi Crop</b>								
Bengal Gram/Channa		182	204	227	250	272	295	318
<b>Summer</b>								
Groundnut		-	-	-	-	-	-	-
<b>Fruit &amp; Vegetables Crop Production Details</b>								
Citrus		-	-	-	-	-	-	-
<b>Requirement of Input material</b>								
<b>Seeds</b>								
<b>Kharif Crops</b>								
Soybean	30	20,428	22,982	25,535	28,089	30,642	33,196	35,749
Red Gram/Tur	5	378	426	473	520	567	615	662
<b>Rabi Crop</b>								
Bengal Gram/Channa	30	5,448	6,128	6,809	7,490	8,171	8,852	9,533
<b>Summer</b>								
Groundnut		-	-	-	-	-	-	-
<b>Fruit &amp; Vegetables Crop Production Details</b>								
Onion		-	-	-	-	-	-	-
<b>Fertilizers</b>								
SSP	100	26,25,402	29,53,577	32,81,753	36,09,928	39,38,103	42,66,278	45,94,454
Urea	30	7,87,621	8,86,073	9,84,526	10,82,978	11,81,431	12,79,883	13,78,336
DAP	30	7,87,621	8,86,073	9,84,526	10,82,978	11,81,431	12,79,883	13,78,336
<b>Pesticide</b>								
Dupont Coragen	0.2	5,251	5,907	6,564	7,220	7,876	8,533	9,189
Confidor Bayer	0.5	13,127	14,768	16,409	18,050	19,691	21,331	22,972

**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
<b>Revenue</b>									
Seeds (Rate/KG)									
<b>Kharif Crops</b>									
Soybean		100	19,91,750	23,52,754	27,44,880	31,70,336	36,31,476	41,30,804	46,70,986
Red Gram/Tur		100	36,884	44,563	52,004	60,078	68,830	78,307	88,559
<b>Rabi Crop</b>									
Bengal Gram/Channa		75	3,98,350	4,81,276	5,61,645	6,48,847	7,43,366	8,45,715	9,56,440
	0		-	-	-	-	-	-	-
Fertilizer(Rate/KG)									
SSP		7	1,79,18,369	2,16,48,491	2,52,63,608	2,91,86,115	3,34,37,714	3,80,41,508	4,30,22,087
Urea		8	61,43,441	74,22,340	86,61,808	1,00,06,668	1,14,64,359	1,30,42,803	1,47,50,430
DAP		30	2,30,37,903	2,78,33,774	3,24,81,781	3,75,25,005	4,29,91,347	4,89,10,511	5,53,14,112
Pesticide									
Dupont Coragen		5,000	2,55,97,670	3,09,26,415	3,60,90,868	4,16,94,450	4,77,68,163	5,43,45,012	6,14,60,125
Confidor Boyer		3,000	3,83,96,504	4,63,89,623	5,41,36,302	6,25,41,675	7,16,52,245	8,15,17,518	9,21,90,187
<b>Total Revenue</b>			<b>11,35,20,869</b>	<b>13,70,99,234</b>	<b>15,99,92,896</b>	<b>18,48,33,176</b>	<b>21,17,57,501</b>	<b>24,09,12,177</b>	<b>27,24,52,926</b>
<b>Expenses</b>									
<b>Seeds (Rate/KG)</b>									
<b>Variable Cost</b>									
Soybean		95	19,40,679	22,92,427	26,74,498	30,89,045	35,38,361	40,24,886	45,51,217
Red Gram/Tur		95	35,939	42,452	49,528	57,205	65,525	74,535	84,282
<b>Rabi Crop</b>									
Bengal Gram/Channa		70	3,81,326	4,50,442	5,25,515	6,06,970	6,95,257	7,90,855	8,94,274
Fertilizer(Rate/KG)									
SSP		6.8	1,78,52,734	2,10,88,542	2,46,03,298	2,84,16,810	3,25,50,164	3,70,25,811	4,18,67,648
Urea		7.85	61,82,822	73,03,458	85,20,701	98,41,410	1,12,72,888	1,28,22,910	1,44,99,752
DAP		29.50	2,32,34,808	2,74,46,117	3,20,20,469	3,69,83,642	4,23,63,081	4,81,88,005	5,44,89,513
Pesticide									
Dupont Coragen		4,850	2,54,66,399	3,00,82,184	3,50,95,882	4,05,35,743	4,64,31,851	5,28,16,231	5,97,22,969
Confidor Boyer		2,900	3,80,68,329	4,49,68,214	5,24,62,916	6,05,94,668	6,94,08,438	7,89,52,098	8,92,76,603
Loading & Unloading		8	6,79,244	8,02,357	9,36,083	10,81,176	12,38,438	14,08,723	15,92,941
Transportation Cost		20	16,98,110	20,05,892	23,40,208	27,02,940	30,96,095	35,21,808	39,82,352
Add: Opening Stock				28,29,076	33,41,846	38,98,820	45,03,137	51,58,139	58,67,383
Less: Closing Stock				28,29,076	33,41,846	38,98,820	45,03,137	51,58,139	58,67,383
<b>Total Variable Cost</b>			<b>11,27,11,313</b>	<b>13,59,69,315</b>	<b>15,86,72,125</b>	<b>18,33,05,292</b>	<b>21,00,05,096</b>	<b>23,89,16,617</b>	<b>27,01,94,278</b>
<b>Fixed Cost</b>									
Rent	12	-	-	-	-	-	-	-	-
Agri Input Centre Manager	1	12,000	1,44,000	1,51,200	1,58,760	1,66,698	1,75,033	1,83,785	1,92,974
Support Staff	1	8,000	96,000	1,00,800	1,05,840	1,11,132	1,16,689	1,22,523	1,28,649
Electricity Charges	12	5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
<b>Total Fixed Cost</b>			<b>3,00,000</b>	<b>3,15,000</b>	<b>3,30,750</b>	<b>3,47,288</b>	<b>3,64,652</b>	<b>3,82,884</b>	<b>4,02,029</b>
<b>Operating cost</b>			<b>11,30,11,313</b>	<b>13,62,84,315</b>	<b>15,90,02,875</b>	<b>18,36,52,580</b>	<b>21,03,69,748</b>	<b>23,92,99,502</b>	<b>27,05,96,307</b>
<b>Operating Profit</b>			<b>5,09,556</b>	<b>8,14,919</b>	<b>9,90,021</b>	<b>11,80,596</b>	<b>13,87,753</b>	<b>16,12,675</b>	<b>18,56,619</b>

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