

BUSINESS CALCULATOR

Draft Business Plan Financial Calculator

1.0 Calculations Provided

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:**

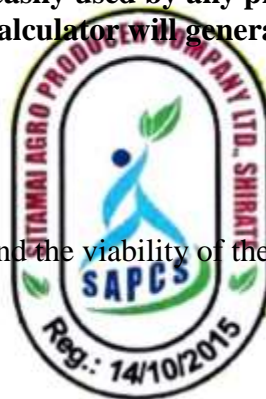
1. Profit and Loss Statement
2. Cash Flow Statement
3. Balance Sheet
4. Depreciation, amortization and tax calculation

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 Cash Flow, P&L and Balancesheet



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- 1.0 It helps in preparing financial projections for both type of sub-projects.i.e. Grain and Frutis & 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, CIIs, Warehousing related)
- 5.0 It will also calculate all ratios automatically.

3.0 Addendum and Additional Workings

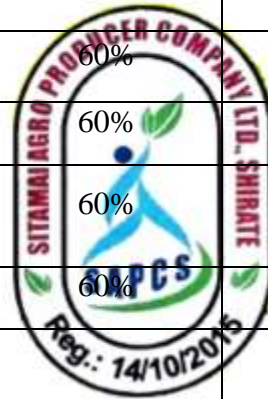
- 1.0 Please collect basic data of targeted commodities in the cluster accurately (area, productivity and consumption at HH level)
- 2.0 Finalize Business activity in consultation with CBO members and officials / experts.
- 3.0 Accordingly, please add CAPEX details i.e. related to building, machinery 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.....)



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1.1 Total Project Cost

Sr. No.	Particular	Amount (Rs.)	Grant (%)	Grant Amount (Rs.)
A	Capital Expenditure			
1	Land and Building	5,893,062	60%	3,535,837
2	Machinery and Equipment	17,347,848	60%	10,408,709
3	Furniture and Fixture	52,864	60%	31,718
4	IT & It Infrastructure	85,175	60%	51,105
5	Transport vehical (Refer van and other)	-	60%	-
6	Preliminary Expenses	972,000	60%	583,200
7	Working Capital	401,606		
	Total	24,350,949		14,610,570



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

1.2 Means of Finance

Sr. No.	Particular	Bank Loan (%)	Amount (Rs.)
1	Govt. Grant under SMART Project		14,610,570
2	Bank Finance - Long Term Loan		8,663,394
3	Own Contribution		1,076,985
Total			24,350,949

This sheet provide details of how total project cost will raised



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1.3 Financial Indicators

Sr. No.	Financial ratio	Estimated	Result	Permissible limit	
1	Break Even Point (BEP)	58.74%	Project Viable	BEP shall be less than 60%	40-60%
2	Avg. Return on Capital Employed Average (ROCE)	18.71%	Project Viable	RoCE for the project shall be more than 20%	>20%
3	Internal Rate of Return (IRR)	15.28%	Project Viable	The project internal rate of return shall be more than 12%	>12%
4	Net present value (at a discount rate of 10 per cent)	4,537,853	NPV is high and positive at a conservative project life of 7 years	With a discount rate of 10% and a span of 7 operational years, the NPV should be positive	Positive
5	Payback period	4.15	Project Viable	The Pack Back Period (Project/Equity) shall be less than 7 years	<7 years
6	Debt Service Coverage Ratio (DSCR)	2.43	Project Viable	DSCR shall be more than 2 for better performing project.	1.5 - 2%

2.1

Land & Building

Sr. No	Details of Proposed Business Activities	Capacity	Rate	Total Unit	Total Amount
1	Land		1		rented
2	Building Details	Sq. ft.			-
2.1	Providing and laying cast in site/ ready mix cement concrete M-20 for double rim bored pile of 450 mm diameter each of load capacity as per design and of specified diameter of pile and bulb as directed, sunk to the required depth through all strata except rock, excluding provisions of reinforcement including placing with fully automatic microprocessor based PLC with SCADA enabled reversible drum type mixer/ concrete batch mix plant (pan mixer) etc. complete. With fine aggregate in (crushed sand VSI grade) by termie arrangement compaction of concrete including chipping and dressing etc. complete	Running mtr.	105	2,575	270,658



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	(excluding steel reinforcement)					
2.2	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 meters beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filing, ramming, watering including shoring and strutting etc complete . (Lift from 1.5m to 3.0 m) By manual means	cubic mtr	144	306	44,156	
2.3	Providing and laying cast in site/ ready mix concrete M-20 of trap metal for RCC pile caps as per detailed designs and drawings, including bailing out water manually, centering, formwork , laying/ pumping , compacting , finishing and curing etc. with fully automatic microprocessor based PLC with SCADA	cubic mtr	8	7,534	63,286	



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	enabled reversible drum type mixer/ concrete batch mix plant (pan mixer) etc complete with crushed sand VSI grade/ V.S.I. quality artificial sand, complete (excluding steel reinforcement)					
2.4	Providing and fabricating structural steel work in rolled sections, fixed with connecting plates or angle cleats in main and crossbeams, hip and Jack rafters, purlins connecting to truss members and the like, as per detailed designs and drawings or as directed including cutting, fabricating, hoisting erecting, fixing in position, making riveted/ bolted/ welded connections and one quote of anti corrosive paint and over it 2 quotes of oil painting of approved quality and shade etc dot complete	metric ton	7	85,585	556,303	



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2.5	Supplying hard murum/ kankar at the site, including conveying and stacking, etc complete	cubic mtr	650	539	350,610	
2.6	Spreading hard murum/ soft murum, gravel or kankare PTC complete	cubic mtr	650	76	49,108	
2.7	Providing and laying cast in site/ Ready mix cement concrete in M15 of trap/ granite/ quartzite/ genesis metal for steps including still centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The cement mortar 1 : 3 plaster is considered for rendering uneven and honeycomb surface, only. Newly laid concrete shall be covered by gunny bags, plastic, tarpaulin etc. (wooden centering will not be allowed), with fully automatic microprocessor based PLC with SCADA enabled reversible drum type	cubic mtr	60	6,030	362,554	



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	<p>mixer/ concrete batch mix plant (pan mixer) etc. complete With fine aggregate (crushed sand VSI grade)</p>					
2.8	<p>Providing and laying in situ/ ready mix cement concrete M-20 of trap/ granite/ geniss metal for RCC work in foundations like raft, strip foundations, grillage and footing of RCC columns and steel stanchions etc. including bailing out water, steel centering formwork, laying/ pumping cover blocks, compaction and curing roughening the surface if specialfinishis to be provided (Excluding reinforcement and structural stel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete batch mix plant (pan mixer) etc. complete. With fine aggregate (crushed sand VSI Grade)</p>	cubic mtr	61	6,666	405,159	
2.9	<p>Providing and fixing in position TMT-FE-500 bar</p>	metric ton	12	71,778	850,569	



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	reinforcement of various diameters for RCC pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fin, arches etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, binding with wires or tack weilding and supporting as required complete					
2.10	Providing second class burnt brick machinery with conventionla/I.S. tyoe bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually, striking joints on unexposed faces, ranking out joints on exposed faces and watering etc. complete	cubic mtr	146	7,343	1,072,445	
2.11	Providing internal cement plaster 12mm thick in single coat in cement, mortar 1:5 without neeru finish to concrete or bricks surfaces, in	sq.mtr	650	257	167,050	



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	all position including scaffolding and curing etc					
2.12	Providing and applying colour-wash of approved colour and shade in two coats to new surface including scaffolding, brushing and brooming down (excluding base coat of whitewash) etc. complete.	sq. mtr	800	17	13,600	
2.13	Providing and fixing plain zince sheeting of 0.80 mm thick (22 BWG) over the ridge hip or valley to galvanised iron sheet roofing including all fastening and bolt falvanised iron screws and bolts, lead and bitumen washers etc complete (Weight of 6.8 kg/ sq m)	sq. mtr	111	1,042	115,662	
2.14	Providing and fixing self supporting panel roofing system for a godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance +/- 2 millimeter), moulded at site using mechanical press dies to the desired curve and shape to form 605 millimeter wide	sq. mtr	529	2,271	1,201,359	



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	<p>interlocking panels. The interlocking panels shall be pressed to close the seam forming water tight joints for a span of 25.00 meter The base material made up of imported galvalume steel complying to ASTM A 792 having base metal thickness of 1.20 millimeter (tolerance +/- 0.02 millimeter) with alloy coating AZ 150 and paint coating of regular modified polyster, top coat 25 micron and bottom coat 12 micron as per approved colour, including fixing hangers, clamps etc. as may be necessary of proflex standard, including fixing sky light of 2 millimeter thick polycarbonated sheet of size 2' X 14' and turbo ventilator of 24" diameter to be installed at every 30 feet along the length of roof including fininshing testing and cleaning etc. complete</p>					
2.15	<p>Providing and fixing rolling shutter fabricated from steel laths of minimum thickness</p>	sq.mtr	30	4,310	129,300	



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	<p>with 35 X 35 X 5 mm angels section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M S brcket plate 300 X 300 X 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M S Sheet not less than 0.9 mm thickness and of any size at top and saftey devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete (I.S. 60481979) without mechanical gear)</p>					
2.16	<p>Providing and fixing in position (as per 1869/ 1982) aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50x38.10x1.02 mm at weight 0.547 kilogram/</p>	sq.mtr	21	5,606	117,726	



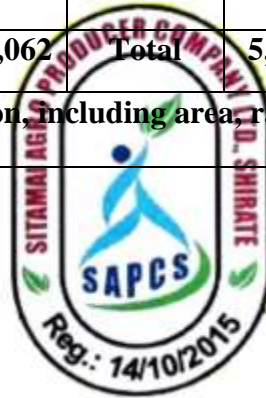
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	<p>running meter. Top and side track section 61.82x31.75x1.30 mm at weight 0.659 kilogram/ running metre. The shutter should be of bearing bottom 40x18x1.25 mm at weight 0.417 kilogram/ running metre and top section 40x18x1.25 mm at weight 0.417 li;ogram/ running metre. As per detailed drawings and as direted by Engineer in charge with all necessary aluminium sections fixtures and fastening such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass with all required screws and nuts etc. complete. With colour anodising with box.</p>					
2.17	<p>Providing and fixing mild steel grill for windows, ventilators, etc. 15 kilogram/ squre metre as per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and</p>	sq.mtr	21	1,507	31,647	



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	two coats of oil painting complete.					
2.18	Royalty charges for various building material which are used for government bonafied works and for which royalty charges are to be paid by contractor	cubic mtr	650	141	91,871	
Total	5,893,062	Total	5,893,062	Total	5,893,062	
This Sheet provide details of land and various construction, including area, rate per unit and total amount						




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2.2 Machinery and Equipment							
Sr. No.	Description	Capacity	No. Required	Rate	Amount (Rs.)	Total HP	
A	Custom Hiring				-		
1	4 ton Kaman Pata Type Heavy Chase and hydrolic jack 5ton - 10"x6" - 4"x15" with below steel 10 gaze door steel 12 gaze hard build up taper roller bearing tyre size 7.50'x 16x 14 ply hydrolic jack 5 ton			195,000	195,000		
2	Tractor Tiger 55			958,500	958,500	55	
3	Lamken Reverseable hydrolic palti plough			227,678	227,678		
	Opal 090E			13,661	13,660	50	
	Opal 080E			13360	13360	48	
4	Krishna Rotavator - KARWC5 Blade - 36 Nos			120000	120000		
5	Multipurpose Perani Yantra			60,000	60,000		

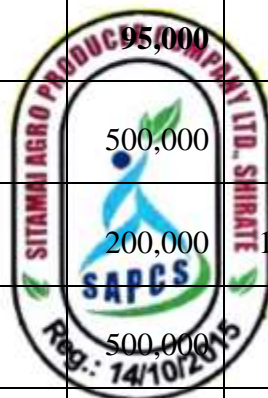


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	6	Krishna Rotaridger - KARWC5 Blade - 36No			207,000	207,000	
	B	Cleaning & Grading Plant 2000 kg per hour					
	1	Four seat round seperator (for separate large size impurities like - wooden pieces, big stones, sand and fine dust) Aspiration Channel (for suck dust & light impurities) De-stonner for stones removing Cleaner cum pre cleaner High pressure blower with cyclone Gravity Seperator (Five Fan With AC Drive) Elevator size: 7"x7", 8 mm * 4" belt & 5" P.V.C. bucket	1		1,785,000	1,785,000	
	C	Pulverizer Unit					
	1	22" Pulverizer 20HP with cyclone & airlock valve system	1		2,006,000	2,006,000	20
	D	Sortex Machine					

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	Mini Sortex Plant 5 ton / day capacity compressor, elevator - 16ft x 01 Nos.		1	2268550	2,268,550	
E	Drying Unit					
1	Grain Dryer 2 tonnes		1	500,000	500,000	
2	Square Vibrio 300 kg		1	95,000	95,000	
3	Ribbon Blender		1	500,000	500,000	
4	Storage Tank 10 tonnes capacity		5	200,000	1,000,000	
5	20Hp pellet mill		1	500,000	500,000	20
	GST Taxes				467,100	
F	Equipments					
1	Installation Accessories					
	· Pipes, Angels, Sheet, Cutter, Nuts & Bolts, Panels, Tool Kit etc			300,000	300,000	
	· Motor, Stand, Frame, Foot-Mount, Cyclone, Blower, Pulleys & V – Belts			400,000	400,000	




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	· Electric fitting, cabeling & complete electrical goods etc			150,000	150,000	
2	Platform 5 ton aprox.			500,000	500,000	
3	Electrical Panel Box, wires cables, molasses, pipeline, steam pipeline, regular pipeline, equipment and fabrication - work			350,000	350,000	
	GST Taxes			306,000	306,000	
G	Weighbridge					
1	Fully Electronic Weighbridge of 8x3m Capacity - 50 tonnes Weigh Bridge's Digital Loadcell Capacity - 50 tonnes Accuracy - 05 kg Size - 8m x 3m Load Cell: <ul style="list-style-type: none"> • Capacity 20k-75k lbs • IP 68 protections. • Safe overload 150% & Ultimate overload 300% • Lightning Protection • High ccuracy & 100% 			1,121,000	1,121,000	



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	repairable • 2yrs Gyranity Platform: (for 8m x 3m, 50tn) • Main Beam: 400 mm • Cross Beam: 250 mm • Long Beam: 200 mm					
	<p>Scope of Supply: Our Work</p> <ol style="list-style-type: none"> 1. Load cell capacity – 20tn each, digital, IP – 68 rated [2yrs] gurantee. 2. Mounting kit for load cells. 3. Junction Box 4. Intelligent indicator with parallel display & keyboard 5. Hardware & foundation bolt. 6. Civil drawing & guidance 7. One year warranty <p>Scope of Work: From Client</p> <ol style="list-style-type: none"> 1. Civil Work [Foundation, cabin & Ramps] 2. Power supply, earthing & piping as per drawing 3. Printer 					

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	4. Weights & Labors, if required for stamping 5. Crane for unloading 6. Transport					
H	Packing Unit					
1	Auto Filling Machine			300,000	300,000	
2	FFS Packing Machine			400,000	400,000	
3	Weighing Machine					3
	200kg machine			50,000	50,000	
	500kkg machine			75,000	75,000	
4	Auto Continous Sealer			350,000	350,000	
5	Bag Closer		3	350,000	350,000	
	Filing Conveyor		1			
	GST Taxes				274,500	
I	Machinery					I



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1	Aman Soya Paddy Multi Crop Thresher			275,000	275,000	1
	Extra Screen - Set, Paddy Bins etc.			160,000	160,000	
2	Heavy payload agricultural drone sprayer			700,000	700,000	2
	9 nozzles, Battery, Tank, Pump etc			140,000	140,000	
	GST Taxes				229,500	
Total		17,347,848	193	Total	17,347,848	193
This Sheet provide details of Plant & Machinery, including Capacity, rate per machine, Power Consumption and total amount.						

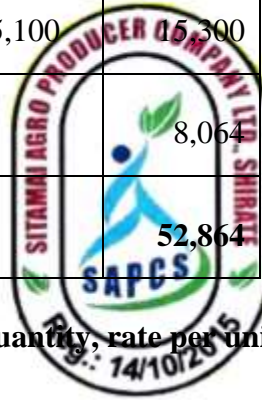


15.1. Furniture and Fixture

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Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
1	Office Table L Corner 5*2.5, 2.5*1	1	7,500	7,500
2	Office table 4*2	1	3,500	3,500

3	Office Cupboard	1	9,300	9,300
4	2.5*1.5 Box	1	2,000	2,000
5	Chairs	12	600	7,200
6	MRC 067 office chair	3	5,100	15,300
7	GST Taxes			8,064
Total				52,864



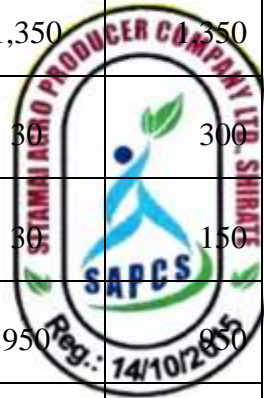
This Sheet provide details of furniture and fixture, no. of Quantity, rate per unit and total amount

15.2. IT & It Infrastructure

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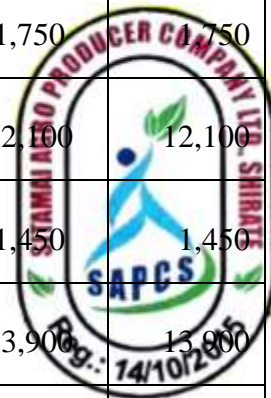
Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
1	KIKVISION 8 channel huhi DVR	1	9,650	9,650
2	2 mp dome camera	1	2,200	2,200

3	5 mp dome camera with mic	1	1,975	1,975
4	2 mp colour camera bullet	3	2,450	7,350
5	2tb surveillance hard disk	1	5,750	5,750
6	D-link CCTV Cable bundle 3+1	1	1,350	1,350
7	BNC connectors	10	30	300
8	DC Conectors	5	30	150
9	Power supply 8 channel MTC	1	950	950
10	Hardware and Installation	5	350	1,750
11	Gang Box	5	40	200
12	HDMI Cable 10 mtr	1	850	850
13	Dual Core processor Intel	1	12,650	12,650
	Asus 510M-E Mother Board	1		



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	4 GB DDR4 Ram Crucial	1	1,650	1,650
	1tb WD Hard Disk	1	3,250	3,250
	Cabinet Circle	1	2,250	2,250
	120 GB SSD Kikvision	1	1,750	1,750
	22" Benq IPS Monitor	1	12,100	12,100
	Dell Wireless Keybord	1	1,450	1,450
14	Canon Pixma G3010 Wifi Printer	1	13,900	13,900
15	Zebronic with Speaker	1	3,700	3,700
Total				85,175



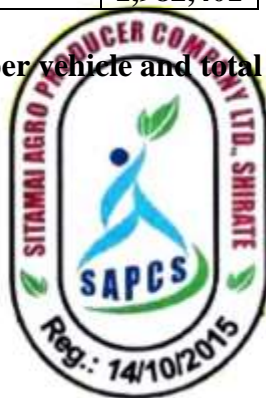
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This Sheet provide details of furniture and fixture, no.of Quantity, rate per unit and total amount

15.3. Transport vehicle (Refer van and other)

Sr. No.	Particular	No. Required	Rate	Amount (Rs.)
				-
				-
Total				1,982,401

This Sheet provide details of vehicles, no.of vehicle, rate per vehicle and total amount



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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	25,000	300,000	315,000	330,750	347,288	364,652	382,884	402,029
Audit and Legal Compliances expenses	Lumsum	1	50,000	50,000	52,500	55,125	57,881	60,775	63,814	67,005
Total Admin Expense				350,000	367,500	385,875	405,169	425,427	446,699	469,033



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3.2. DEPRECIATION

	As per companies Act						
Assets							
Building							
Asset Value	5,893,062	5,706,252	5,519,442	5,332,632	5,145,822	4,959,012	4,772,202
Depreciation	186,810	186,810	186,810	186,810	186,810	186,810	186,810
Accumulated Depreciation	186,810	373,620	560,430	747,240	934,050	1,120,860	1,307,671
Net Fixed Assets	5,706,252	5,519,442	5,332,632	5,145,822	4,959,012	4,772,202	4,585,392
Plant and Machinery							
Asset Value	17,347,848	16,249,729	15,151,610	14,053,492	12,955,373	11,857,254	10,759,135
Depreciation	1,098,119	1,098,119	1,098,119	1,098,119	1,098,119	1,098,119	1,098,119
Accumulated Depreciation	1,098,119	2,196,238	3,294,356	4,392,475	5,490,594	6,588,713	7,686,831
Net Fixed Assets	16,249,729	15,151,610	14,053,492	12,955,373	11,857,254	10,759,135	9,661,017
Furniture and Electrification							

Asset Value	52,864	47,578	42,291	37,005	31,718	26,432	21,146
Depreciation	5,286	5,286	5,286	5,286	5,286	5,286	5,286
Accumulated Depreciation	5,286	10,573	15,859	21,146	26,432	31,718	37,005
Net Fixed Assets	47,578	42,291	37,005	31,718	26,432	21,146	15,859
Vehicle							
Asset Value							
Depreciation							
Accumulated Depreciation							
Net Fixed Assets							
IT Infrastructure							
Asset Value	85,175	76,658	68,140	59,623	51,105	42,588	34,070
Depreciation	8,518	8,518	8,518	8,518	8,518	8,518	8,518
Accumulated Depreciation	8,518	17,035	25,553	34,070	42,588	51,105	59,623



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Net Fixed Assets	76,658	68,140	59,623	51,105	42,588	34,070	25,553
Gross Fixed Asset	23,378,949	22,080,217	20,781,484	19,482,751	18,184,018	16,885,286	15,586,553
Total Depreciation	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733
Accumulated Depreciation	1,298,733	2,597,466	3,896,198	5,194,931	6,493,664	7,792,397	9,091,129
Net Fixed Assets	22,080,217	20,781,484	19,482,751	18,184,018	16,885,286	15,586,553	14,287,820

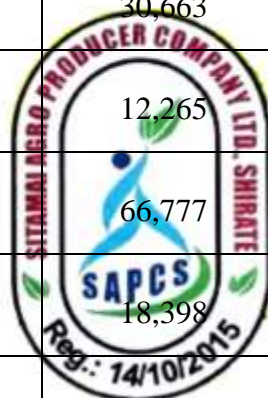


As per IT Act

Assets							
Building							
Asset Value	5,893,062	5,303,756	4,773,380	4,296,042	3,866,438	3,479,794	3,131,815
Depreciation	589,306	530,376	477,338	429,604	386,644	347,979	313,181
Accumulated Depreciation	589,306	1,119,682	1,597,020	2,026,624	2,413,268	2,761,247	3,074,429
Net Fixed Assets	5,303,756	4,773,380	4,296,042	3,866,438	3,479,794	3,131,815	2,818,633
Plant and Machinery							

Asset Value	17,347,848	14,745,671	12,533,820	10,653,747	9,055,685	7,697,332	6,542,732
Depreciation	2,602,177	2,211,851	1,880,073	1,598,062	1,358,353	1,154,600	981,410
Accumulated Depreciation	2,602,177	4,814,028	6,694,101	8,292,163	9,650,516	10,805,116	11,786,525
Net Fixed Assets	14,745,671	12,533,820	10,653,747	9,055,685	7,697,332	6,542,732	5,561,323
Furniture and Electrification							
Asset Value	52,864	47,578	42,820	38,538	34,684	31,216	28,094
Depreciation	5,286	4,758	4,282	3,854	3,468	3,122	2,809
Accumulated Depreciation	5,286	10,044	14,326	18,180	21,648	24,770	27,579
Net Fixed Assets	47,578	42,820	38,538	34,684	31,216	28,094	25,285
Vehical							
Asset Value							
Depreciation							

Accumulated Depreciation							
Net Fixed Assets							
IT Infrastructure							
Asset Value	85,175	51,105	30,663	18,398	11,039	6,623	3,974
Depreciation	34,070	20,442	12,265	7,359	4,415	2,649	1,590
Accumulated Depreciation	34,070	54,512	66,777	74,136	78,552	81,201	82,791
Net Fixed Assets	51,105	30,663	18,398	11,039	6,623	3,974	2,384
Gross Fixed Asset	23,378,949	20,148,109	17,380,684	15,006,725	12,967,846	11,214,966	9,706,615
Total Depreciation	3,230,840	2,767,426	2,373,958	2,038,879	1,752,880	1,508,350	1,298,990
Accumulated Depreciation	3,230,840	5,998,266	8,372,224	10,411,103	12,163,984	13,672,334	14,971,324
Net Fixed Assets	20,148,109	17,380,684	15,006,725	12,967,846	11,214,966	9,706,615	8,407,625



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

3.4 Tax Schedule

EBT	3,755,738	5,893,323	6,055,014	6,041,761	6,122,446	6,460,794	6,711,136
Add Depreciation as per companies Act	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733
Less Depreciation as per IT Act	3,230,840	2,767,426	2,373,958	2,038,879	1,752,880	1,508,350	1,298,990
Taxable Income	1,823,631	4,424,630	4,979,789	5,301,615	5,668,298	6,251,176	6,710,878
Provision of Taxes	474,144	1,150,404	1,294,745	1,378,420	1,473,758	1,625,306	1,744,828

Maximum Tax rate

26%



This Sheet refer for provision of tax calculation
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

4.1

Repayment Schedule

4.1 Repayment Schedule						
		Loan Amount (Rs)	8,663,394			
		Interest rate /PA	12%			
		Loan Tenure in years	5			
		Moratorium Period (In Months)	12			
		EMI	Rs. 228,140.40			
Year	Particluars	Opening Balance	Interest	Pricipal Repayment	EMI	Closing Outstanding
Year 1	Month 1	8,663,394	86,634	-	86,634	8,663,394
	Month 2	8,663,394	86,634	-	86,634	8,663,394
	Month 3	8,663,394	86,634	-	86,634	8,663,394
	Month 4	8,663,394	86,634	-	86,634	8,663,394
	Month 5	8,663,394	86,634	-	86,634	8,663,394
	Month 6	8,663,394	86,634	-	86,634	8,663,394
	Month 7	8,663,394	86,634	141,506	228,140	8,521,888
	Month 8	8,521,888	85,219	142,922	228,140	8,378,966
	Month 9	8,378,966	83,790	144,351	228,140	8,234,616
	Month 10	8,234,616	82,346	145,794	228,140	8,088,821
	Month 11	8,088,821	80,888	147,252	228,140	7,941,569
	Month 12	7,941,569	79,416	148,725	228,140	7,792,845
Year 2	Month 13	7,792,845	77,928	150,212	228,140	7,642,633
	Month 14	7,642,633	76,426	151,714	228,140	7,490,919
	Month 15	7,490,919	74,909	153,231	228,140	7,337,687
	Month 16	7,337,687	73,377	154,764	228,140	7,182,924
	Month 17	7,182,924	71,829	156,311	228,140	7,026,613
	Month 18	7,026,613	70,266	157,874	228,140	6,868,738
	Month 19	6,868,738	68,687	159,453	228,140	6,709,285
	Month 20	6,709,285	67,093	161,048	228,140	6,548,238

	Month 21	6,548,238	65,482	162,658	228,140	6,385,580	
	Month 22	6,385,580	63,856	164,285	228,140	6,221,295	
	Month 23	6,221,295	62,213	165,927	228,140	6,055,368	
	Month 24	6,055,368	60,554	167,587	228,140	5,887,781	
Year	Month 25	5,887,781	58,878	169,263	228,140	5,718,518	
3	Month 26	5,718,518	57,185	170,955	228,140	5,547,563	
	Month 27	5,547,563	55,476	172,665	228,140	5,374,898	
	Month 28	5,374,898	53,749	174,391	228,140	5,200,507	
	Month 29	5,200,507	52,005	176,135	228,140	5,024,372	
	Month 30	5,024,372	50,244	177,897	228,140	4,846,475	
	Month 31	4,846,475	48,465	179,676	228,140	4,666,799	
	Month 32	4,666,799	46,668	181,472	228,140	4,485,327	
	Month 33	4,485,327	44,853	183,287	228,140	4,302,040	
	Month 34	4,302,040	43,020	185,120	228,140	4,116,920	
	Month 35	4,116,920	41,169	186,971	228,140	3,929,949	
	Month 36	3,929,949	39,299	188,841	228,140	3,741,108	
Year	Month 37	3,741,108	37,411	190,729	228,140	3,550,378	
4	Month 38	3,550,378	35,504	192,637	228,140	3,357,742	
	Month 39	3,357,742	33,577	194,563	228,140	3,163,179	
	Month 40	3,163,179	31,632	196,509	228,140	2,966,670	
	Month 41	2,966,670	29,667	198,474	228,140	2,768,196	
	Month 42	2,768,196	27,682	200,458	228,140	2,567,738	
	Month 43	2,567,738	25,677	202,463	228,140	2,365,275	
	Month 44	2,365,275	23,653	204,488	228,140	2,160,787	
	Month 45	2,160,787	21,608	206,533	228,140	1,954,255	
	Month 46	1,954,255	19,543	208,598	228,140	1,745,657	
	Month 47	1,745,657	17,457	210,684	228,140	1,534,973	
	Month 48	1,534,973	15,350	212,791	228,140	1,322,182	
Year	Month 49	1,322,182	13,222	214,919	228,140	1,107,264	
5							



SITA AGRO PRODUCER COMPANY LTD. SHIRATE

Month 50	1,107,264	11,073	217,068	228,140	890,196
Month 51	890,196	8,902	219,238	228,140	670,958
Month 52	670,958	6,710	221,431	228,140	449,527
Month 53	449,527	4,495	223,645	228,140	225,882
Month 54	225,882	2,259	225,882	228,140	0

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



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

5.1 Closing and Opening Stock Calculation

Particulars		Y1	Y2	Y3	Y4	Y5	Y6	Y7
Opening Stock								
Agri Input			-	-	-	-	-	-
Trading			744,941	563,028	634,356	711,410	794,583	884,294
Grain Processing			208,692	237,474	271,328	305,323	339,466	373,763
Horticulture Processing			-	-	-	-	-	-
Total			953,633	800,502	905,684	1,016,733	1,134,048	1,258,058
Closing Stock								
Agri Input	2%	-	-	-	-	-	-	-
Trading	10%	744,941	563,028	634,356	711,410	794,583	884,294	980,991
Grain Processing	5%	208,692	237,474	271,328	305,323	339,466	373,763	408,224
Horticulture Processing	2%	-	-	-	-	-	-	-
Total		953,633	800,502	905,684	1,016,733	1,134,048	1,258,058	1,389,215

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

5.2 Working Capital Calculation

Sr. No.	Particulars	Duration (In days)	Amount (Rs.)							
			Y1	Y2	Y3	Y4	Y5	Y6	Y7	
A	Accounts Receivables (Debtors)									
1	Agri Input	14	-	-						
2	Custom Hiring	14	-	-						
3	Cleaning & Grading	14	224,499	267,528	302,512	340,326	381,165	425,237	472,764	
4	Dal Mill	14	624,178	686,596	720,926	756,972	794,821	834,562	876,290	
5	Warehouse	14	18,411	20,540	22,835	25,309	27,973	29,372	30,841	
6	Processing Unit - Horti Commodity	14	-	-	-	-	-	-	-	
	Subtotal		867,088	974,663	1,046,273	1,122,607	1,203,959	1,289,171	1,379,894	
B	Closing Stock		953,633	800,502	905,684	1,016,733	1,134,048	1,258,058	1,389,215	

	Total		1,820,721	1,775,165	1,951,957	2,139,340	2,338,007	2,547,229	2,769,109
C	Accounts Payable & Accrued Expenses (Creditors)								
1	Agri Input	7	-	-	-	-	-	-	-
2	Custom Hiring	7	-	-	-	-	-	-	-
3	Cleaning & Grading	7	134,704	112,176	121,034	135,738	151,611	168,732	187,185
4	Dal Mill	7	76,044	92,154	105,123	118,244	131,427	144,673	157,986
5	Warehouse	7	3,548	3,726	3,913	4,102	4,301	4,516	4,741
	Processing Unit - Horti Commodity	7	-	-	-	-	-	-	-
	Total		214,296	208,056	230,069	258,085	287,338	317,920	349,913
D	Working Capital		1,606,424	1,567,109	1,721,888	1,881,255	2,050,669	2,229,308	2,419,196
	Own Contribution	25%	401,606						

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 requirement of working capital for running business

Company has to give credit for sale at 14 Days

Company will receive credit from suppliers for 7 days

25 % of Working Capital will be financed by the company and balance 75% from bank finance at 12% rate of interest



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

6.1 Consolidated Profit and loss account for the Project

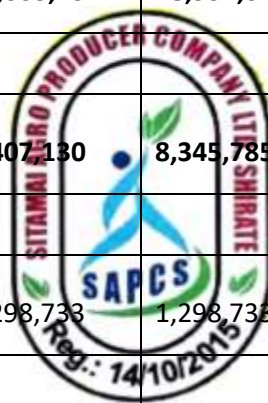
Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue							
Facility 1 - Cleaning & Grading	5,853,000	6,974,825	7,886,917	8,872,782	9,937,516	11,086,541	12,325,625
Facility 2 - Processing Unit- Dal Mill	16,273,215	17,900,537	18,795,564	19,735,342	20,722,109	21,758,214	22,846,125
Facility 3 - Warehouse	480,000	535,500	595,350	659,846	729,304	765,769	804,057
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Revenue	22,606,215	25,410,862	27,277,831	29,267,970	31,388,929	33,610,525	35,975,808
Variable Cost							
Facility 1 - Cleaning & Grading	7,023,872	5,849,153	6,311,042	7,077,792	7,905,439	8,798,157	9,760,382

Facility 2 - Processing Unit- Dal Mill	3,965,153	4,805,175	5,481,409	6,165,602	6,852,966	7,543,658	8,237,845
Facility 3 - Warehouse	185,000	194,283	204,014	213,882	224,242	235,454	247,227
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Variable Cost	11,174,025	10,848,611	11,996,466	13,457,276	14,982,647	16,577,269	18,245,455
Fixed Cost							
Facility 1 - Cleaning & Grading	360,000	388,800	404,640	421,272	438,736	457,072	476,326
Facility 2 - Processing Unit- Dal Mill	4,250,645	5,335,821	6,078,915	6,835,392	7,595,550	8,359,573	9,127,653
Facility 3 - Warehouse	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-



SITAMAL AGRO PRODUCER COMPANY LTD., SHIRATE

Admin Expenses	350,000	367,500	385,875	405,169	425,427	446,699	469,033
Total Fixed Cost	5,020,645	6,155,121	6,935,580	7,731,291	8,532,643	9,339,921	10,153,419
Total Cost	16,194,670	17,003,731	18,932,046	21,188,566	23,515,290	25,917,189	28,398,873
Profit Before Depreciation ,Interest and Tax	6,411,545	8,407,130	8,345,785	8,079,404	7,873,638	7,693,335	7,576,934
Depreciation	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733
Amortization	194,400	194,400	194,400	194,400	194,400	-	-
Profit Before Interest and Tax	4,918,412	6,913,998	6,852,653	6,586,271	6,380,506	6,394,602	6,278,202
Interest on Term loan	1,162,674	1,020,674	797,638	544,510	258,060	(66,191)	(432,934)



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

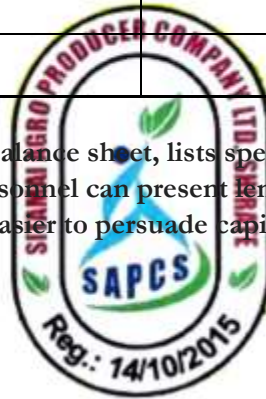
7.1 Balancesheet for the Project

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
ASSETS							
Current Assets							
Cash and Bank Balance	3,904,177	8,235,165	12,341,894	16,079,443	19,495,558	22,558,386	25,362,503
Accounts Receivables							
Other Current Assets							
Total Current Assets	3,904,177	8,235,165	12,341,894	16,079,443	19,495,558	22,558,386	25,362,503
Gross Fixed Assets	23,378,949	22,080,217	20,781,484	19,482,751	18,184,018	16,885,286	15,586,553
Less: Depreciation	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733
Net Fixed Assets	22,080,217	20,781,484	19,482,751	18,184,018	16,885,286	15,586,553	14,287,820
Preliminary & Pre- operative Expenses	777,600	583,200	388,800	194,400	0	0	0
TOTAL ASSETS	26,761,993	29,599,849	32,213,445	34,457,861	36,380,844	38,144,939	39,650,324

LIABILITIES & SHAREHOLDERS EQUITY							
CURRENT LIABILITIES							
Short Term Debt (Working capital loan)							
Accounts Payable & Accrued Expenses							
Other Current Liabilities							
Total Curent Liabilities	0	0	0	0	0	0	0
Secured Long Term Debt	7,792,845	5,887,781	3,741,108	1,322,182	-1,403,523	-4,474,916	0
Differed Tax Liabilities							
TOTAL LIABILITIES	7,792,845	5,887,781	3,741,108	1,322,182	-1,403,523	-4,474,916	0
Share capital	1,076,985	1,076,985	1,076,985	1,076,985	1,076,985	1,076,985	1,076,985
Smart Grant -in-Aid	14,610,570	14,610,570	14,610,570	14,610,570	14,610,570	14,610,570	14,610,570
Reserves and Surplus							
Add: Opening Balance (P/L Account)	0	3,281,594	8,024,513	12,784,782	17,448,124	22,096,812	26,932,300
Profit & Loss) During the Year	3,281,594	4,742,919	4,760,269	4,663,341	4,648,689	4,835,488	4,966,308
Appropriation - Dividend							
Total Reserves	3,281,594	8,024,513	12,784,782	17,448,124	22,096,812	26,932,300	31,898,608
TOTAL EQUITY	18,969,149	23,712,068	28,472,337	33,135,679	37,784,367	42,619,855	47,586,163

TOTAL LIABILITIES & EQUITY	26,761,993	29,599,849	32,213,445	34,457,861	36,380,844	38,144,939	47,586,163
CONTROL TICKER							
(=Liability - Asset)	0.00	0.00	0.00	0.00	0.00	0.00	7,935,839.15

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.



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

8.1 Cash Flow Statement for the Project

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
1	Operating Profit							
	Total Revenue	22,606,215	25,410,862	27,277,831	29,267,970	31,388,929	33,610,525	35,975,808
2	Equity/ Share capital	1,076,985						
	Reinvestment							
3	Smart Grant -in-Aid	14,610,570						
4	Long Term Loan	8,663,394						
5	Short Term Loan	1,204,818	1,567,109	1,721,888	1,881,255	2,050,669	2,229,308	2,419,196
	Sub Total (A)	48,161,983	26,977,971	28,999,719	31,149,225	33,439,597	35,839,833	38,395,004
Cash Outflow (Rs.)								
1	Capital Expenditure							
a	Land and Building	5,893,062						
b	Machinery and Equipment	17,347,848						
c	Furniture & Fixture	52,864						
d	It Infrastructure	85,175						
e	Vehicle	-						

f	Preliminary Expenses	972,000						
2	Operational Expenditure							
a	Variable Cost	11,174,025	10,848,611	11,996,466	13,457,276	14,982,647	16,577,269	18,245,455
b	Fixed Cost	5,020,645	6,155,121	6,935,580	7,731,291	8,532,643	9,339,921	10,153,419
3	Loan Repayment							
	LTL - Principal	870,550	1,905,064	2,146,673	2,418,925	2,725,706	3,071,393	3,460,923
	LTL - Interest	1,018,096	832,621	591,011	318,760	11,979	(333,708)	(723,238)
	STL - Principal	1,204,818	1,567,109	1,721,888	1,881,255	2,050,669	2,229,308	2,419,196
	STL - Interest	144,578	188,053	206,627	225,751	246,080	267,517	290,304
4	Tax	474,144	1,150,404	1,294,745	1,378,420	1,473,758	1,625,306	1,744,828
	Sub Total (B)	44,257,806	22,646,983	24,892,990	27,411,676	30,023,482	32,777,005	35,590,886
	Net Cash Flow (A-B)	3,904,177	4,330,989	4,106,729	3,737,549	3,416,116	3,062,827	2,804,118
	Opening Cash and Bank		3,904,177	8,235,165	12,341,894	16,079,443	19,495,558	22,558,386
	Cumulative Cash Balance	3,904,177	8,235,165	12,341,894	16,079,443	19,495,558	22,558,386	25,362,503

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		3,281,593.71	4,742,919.37	4,760,269.35	4,663,341.26	4,648,688.51	4,835,487.94	4,966,307.60
Add: Depreciation		1,298,732.75	1,298,732.75	1,298,732.75	1,298,732.75	1,298,732.75	1,298,732.75	1,298,732.75
Add: Preliminary expense written off		194,400.00	194,400.00	194,400.00	194,400.00	194,400.00	0.00	0.00
Net Cash Accrual (A)		4,774,726.46	6,236,052.12	6,253,402.11	6,156,474.01	6,141,821.27	6,134,220.70	6,265,040.35
Initial Investment/ Net Cash Accrual	(24350949.3300)	4,774,726.46	6,236,052.12	6,253,402.11	6,156,474.01	6,141,821.27	6,134,220.70	6,265,040.35
IRR	15.28%							
Present Value Equivalent		0.87	0.75	0.65	0.57	0.49	0.43	0.37
Present Value of Future Inflows		4,142,001.38	4,692,812.72	4,082,268.69	3,486,414.54	3,017,212.45	2,614,146.11	2,316,093.44
Operating Net Cash Inflow					24,350,949.33			
Present Capital Outflow					24,350,949.33			

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.



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

9.2 Break even Point

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Gross Receipts							
Facility 1 - Cleaning & Grading	5,853,000	6,974,825	7,886,917	8,872,782	9,937,516	11,086,541	12,325,625
Facility 2 - Processing Unit- Dal Mill	16,273,215	17,900,537	18,795,564	19,735,342	20,722,109	21,758,214	22,846,125
Facility 3 - Warehouse	480,000	535,500	595,350	659,846	729,304	765,769	804,057
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
Total Receipts	22,606,215	25,410,862	27,277,831	29,267,970	31,388,929	33,610,525	35,975,808
Total Variable Exp	11,174,025	10,848,611	11,996,466	13,457,276	14,982,647	16,577,269	18,245,455
Contribution	11,432,190	14,562,251	15,281,365	15,810,695	16,406,282	17,033,256	17,730,353
Total Fixed exp	6,513,778	7,648,253	8,428,713	9,224,423	10,025,776	10,638,653	11,452,151



SITAMAL AGRO PRODUCER COMPANY LTD., SHIMLA

BEP	57%	53%	55%	58%	61%	62%	65%
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Average BEP 58.74%

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	3,281,594	4,742,919	4,760,269	4,663,341	4,648,689	4,835,488	4,966,308
Add: Depreciation	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733	1,298,733
Add. Preliminary exp Written off	194,400	194,400	194,400	194,400	194,400	0	0
Net Cash Accrual (A)	4,774,726	6,236,052	6,253,402	6,156,474	6,141,821	6,134,221	6,265,040
PV Factor @ 10 %	0.91	0.83	0.75	0.68	0.62	0.56	0.51
Disc Cash Flow	4,340,660	5,153,762	4,698,274	4,204,955	3,813,588	3,462,608	3,214,956

Total Discounted Cash Flows 28,888,802

Present Value of
Outflow 24,350,949

NPV 4,537,853.09

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	3,281,594	4,742,919	4,760,269	4,663,341	4,648,689	4,835,488	4,966,308
Average net profit	4,556,943.96						
Total Project cost	24,350,949.88						
ROI	18.71%						

SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

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	24,350,949							
Profit after Tax & Dividend		3,281,594	4,742,919	4,760,269	4,663,341	4,648,689	4,835,488	4,966,308

Debt Service Coverage Ratio (DCSR)	2.60	2.53	2.50	2.41	2.33	2.34	2.29
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Average DSCR 2.43

the debt-service coverage ratio (DCSR) 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	6,145,650	7,323,566	8,281,263	9,316,421	10,434,392	11,640,868	12,941,906
Facility 2 - Processing Unit- Dal Mill	17,086,876	18,795,564	19,735,342	20,722,109	21,758,214	22,846,125	23,988,431
Facility 3 - Warehouse	504,000	562,275	625,118	692,889	765,769	804,057	844,260
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	23,736,526	26,681,405	28,641,723	30,731,369	32,958,375	35,291,051	37,774,598
Expenditure							
Fixed Cost (Excl. of Depreciation,	5,020,645	6,155,121	6,935,580	7,731,291	8,532,643	9,339,921	10,153,419

Amortization and Interest)							
Variable Cost	11,732,727	10,848,611	11,996,466	13,457,276	14,982,647	16,577,269	18,245,455
Total Operational Expenses	16,753,372	17,003,731	18,932,046	21,188,566	23,515,290	25,917,189	28,398,873
Net Income	6,983,154	9,677,673	9,709,677	9,542,802	9,443,085	9,373,861	9,375,725

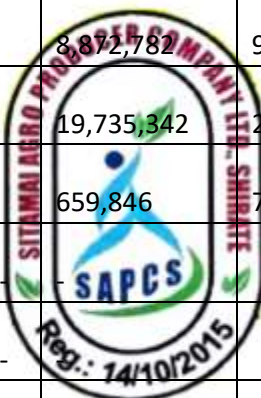
Cost Variation (+5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	5,853,000	6,974,825	7,886,917	8,872,782	9,937,516	11,086,541	12,325,625
Facility 2 - Processing Unit- Dal Mill	16,273,215	17,900,537	18,795,564	19,735,342	20,722,109	21,758,214	22,846,125
Facility 3 - Warehouse	480,000	535,500	595,350	659,846	729,304	765,769	804,057
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	22,606,215	25,410,862	27,277,831	29,267,970	31,388,929	33,610,525	35,975,808
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	5,020,645.12	6,155,120.69	6,935,580.20	7,731,290.57	8,532,643.34	9,339,920.63	10,153,418.66

Variable Cost	11,732,726.55	11,391,041.33	12,596,288.85	14,130,139.41	15,731,779.21	17,406,132.11	19,157,727.40
Total Operational Expenses	16,753,371.67	17,546,162.01	19,531,869.06	21,861,429.98	24,264,422.55	26,746,052.74	29,311,146.06
Net Income	5,852,843.56	7,864,699.72	7,745,962.00	7,406,540.18	7,124,506.05	6,864,471.76	6,664,661.62

Quantity Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	5,560,350	6,626,084	7,492,571	8,429,143	9,440,640	10,532,214	11,709,344
Facility 2 - Processing Unit- Dal Mill	15,459,555	17,005,510	17,855,786	18,748,575	19,686,004	20,670,304	21,703,819
Facility 3 - Warehouse	456,000	508,725	565,583	626,854	692,839	727,480	763,855
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	21,475,904	24,140,319	25,913,940	27,804,572	29,819,482	31,929,998	34,177,017
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	5,020,645	6,155,121	6,935,580	7,731,291	8,532,643	9,339,921	10,153,419

Variable Cost	10,615,324	10,306,180	11,396,642	12,784,412	14,233,515	15,748,405	17,333,182
Total Operational Expenses	15,635,969	16,461,301	18,332,222	20,515,702	22,766,158	25,088,326	27,486,601
Net Income	5,839,935	7,679,018	7,581,717	7,288,869	7,053,324	6,841,672	6,690,417

Cost Variation (-5%)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Facility 1 - Cleaning & Grading	5,853,000	6,974,825	7,886,917	8,872,782	9,937,516	11,086,541	12,325,625
Facility 2 - Processing Unit- Dal Mill	16,273,215	17,900,537	18,795,564	19,735,342	20,722,109	21,758,214	22,846,125
Facility 3 - Warehouse	480,000	535,500	595,350	659,846	729,304	765,769	804,057
Facility 4 - Custom Hiring	-	-	-	-	-	-	-
Facility 5 - Agri Input Centre	-	-	-	-	-	-	-
Facility 6 - Processing Unit - Horti Commodity	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Total Income	22,606,215	25,410,862	27,277,831	29,267,970	31,388,929	33,610,525	35,975,808
Expenditure							
Fixed Cost (Excl. of Depreciation, Amortization and Interest)	5,020,645	6,155,121	6,935,580	7,731,291	8,532,643	9,339,921	10,153,419
Variable Cost	10,615,324	10,306,180	11,396,642	12,784,412	14,233,515	15,748,405	17,333,182



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Total Operational Expenses	15,635,969	16,461,301	18,332,222	20,515,702	22,766,158	25,088,326	27,486,601
Net Income	6,970,246	8,949,561	8,945,609	8,752,268	8,622,771	8,522,199	8,489,207

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 Crops and Production Details

10.1 Details of members and non- members

Particulars	No.
Total No.of Members Cultivating Grain Crops	758
Total No.of Non-members Cultivating Grain Crops	200
Total	958

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Average Land Holding per Member (Acres)	0.4
Total Cultivated Land under grain Crop(Acres)	383.2

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

Season	Crop	Cultivation In (%)	Total Land under Cultivaion (In Acres)	Yield/Acr es (In Quintals)	Total Product ion (In Quintal s)	Consumption in (%)	Marketable Surplus (In Quintals)
Kharif	Soybean	60%	229.92	15	3448.8	10%	3103.92
	Red Gram/Tur	0%	0	7	0	5%	0
	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%	114.96					

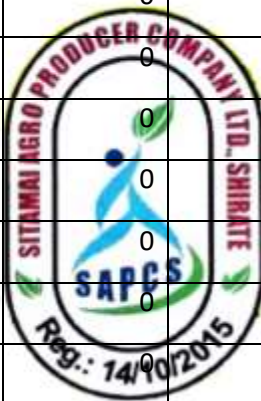
Rabbi	Wheat	0%	0	10	0	10%	0
	Bengal Gram/Channa	0%	0	10	0	10%	0
	Jawar	0%	0	10	0	5%	0
	Maize	0%	0	20	0	0%	0
	Safflower	0%	0		0	0%	0
		0%	0		0	0%	0
		0%	0		0	0%	0
		0%	0		0	0%	0
Area Under Summer Cultivation (In Acres)	5%	19.16					
Summer	Groundnut	0%	0		0	0%	0
		0%	0		0	0%	0
		0%	0		0	0%	0
		0%	0		0	0%	0

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

10.3 Quantity of Marketable Surplus Produce Considered for Trading Business

Particulars	60%	65%	70%	75%	80%	85%	90%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soybean	1862.352	2017.548	2172.744	2327.94	2483.13 6	2638.332	2793.528

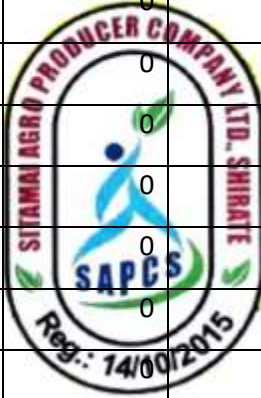
Red Gram/Tur	0	0	0	0	0	0	0	0
Paddy/Rice	0	0	0	0	0	0	0	0
Green Gram/ Moong	0	0	0	0	0	0	0	0
Maize	0	0	0	0	0	0	0	0
Black Gram/Udid	0	0	0	0	0	0	0	0
Bajra	0	0	0	0	0	0	0	0
Jawar	0	0	0	0	0	0	0	0
Sunflower	0	0	0	0	0	0	0	0
Wheat	0	0	0	0	0	0	0	0
Bengal Gram/Channa	0	0	0	0	0	0	0	0
Jawar	0	0	0	0	0	0	0	0
Maize	0	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	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



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10.4 Quantity of Marketable Surplus Produce Considered for Processing Business (Soya Powder)

Particulars	30%	35%	40%	45%	50%	55%	60%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soyabean Powder	931.176	1086.372	1241.568	1396.764	1551.96	1707.156	1862.352
Red Gram/Tur	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
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



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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

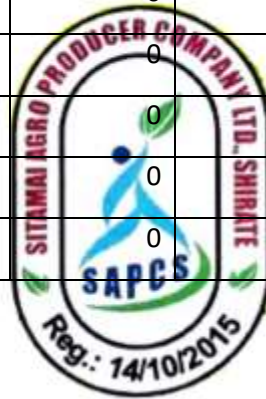
10.5 Crop-wise Area Considered for Agri Input Service Centre

Particulars	65%	70.0%	75.0%	80.0%	85.0%	90.0%	95.0%
	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Soyabean Powder	0	0	0	0	0	0	0
Red Gram/Tur	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Jawar	0	0	0	0	0	0	0



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Maize	0	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	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	0	0	0	0	0



Assumptions:

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

SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

Facility 3 - Trading Unit

12.1 Producers/ Capacity Utilization

Tentative Wastage Percentage

Capacity **20** Quinatal/Hour

No. of Hours **8**

No. of Working Days **300**

Commodity	Percentage
Grains	3%
Fruit and Vegetables	5%

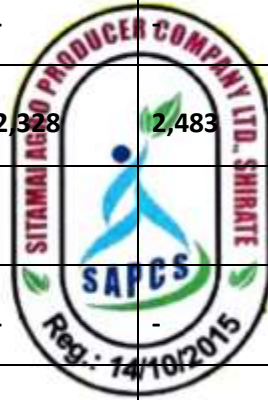
Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	11.64	12.61	13.58	14.55	15.52	16.49	17.46
Soybean	1,862	2,018	2,173	2,328	2,483	2,638	2,794
Red Gram/Tur	-	-	-	-	-	-	-
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Black Gram/Udid	-	-	-	-	-	-	-

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Bajra	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Bengal Gram/Channa	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
-	SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE						
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-



-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Total Grains Quantity to be Processed	1,862	2,018	2,173	2,328	2,483	2,638	2,794
Fruit & Vegetables Crop Production Details							
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-



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-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
Onion	-	-	-	-	-	-	-	
Tomato	-	-	-	-	-	-	-	
Okra	-	-	-	-	-	-	-	
Chilli	-	-	-	-	-	-	-	
Brinjal	-	-	-	-	-	-	-	
-	SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE							-
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	



-							
-							
-							
Pomegranate	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Citrus	-	-	-	-	-	-	-
Total F & V Quantity to be Processed							
Job Work for Grains	0%	0%	0%	0%	0%	0%	0%
Quantity for trading of Grains	100%	100%	100%	100%	100%	100%	100%
Job Work (50%)	-	-	-	-	-	-	-



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Quantity for Processing or sale							
Soybean	1,862	2,018	2,173	2,328	2,483	2,638	2,794
Red Gram/Tur	-	-	-	-	-	-	-
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Black Gram/Udid	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Bengal Gram/Channa	-	-	-	-	-	-	-



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

Jawar	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE							
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details							



Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE							
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-



Chilli	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Pomegranate	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Citrus	-	-	-	-	-	-	-



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

Output							
Soybean	1,806.48	1,957.02	2,107.56	2,258.10	2,408.64	2,559.18	2,709.72
Red Gram/Tur	-	-	-	-	-	-	-
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Black Gram/Udid	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Bengal Gram/Channa	-	-	-	-	-	-	-



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

Jawar	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE							
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
Fruit & Vegetables Crop Production Details							



Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
	0	-	-	-	-	-	-
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE							
Onion	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-



Chilli	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE							
Pomegranate	-	-	-	-	-	-	-
Custard Apple	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-



Citrus	-	-	-	-	-	-	-
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12.2 Facility 1 - Profit and loss of Trading

60% 66.00% 69.30% 72.77% 76.40% 80.22% 84.23%

Particulars		Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue									
Soybean	Quintals	6,000	5,853,000	6,974,825	7,886,917	8,872,782	9,937,516	11,086,541	12,325,625
Red Gram/Tur	Quintals	6,000	-	-	-	-	-	-	-
Paddy/Rice	Quintals	-	-	-	-	-	-	-	-
Green Gram/ Moong	Quintals	6,000	-	-	-	-	-	-	-
Maize	Quintals	-	-	-	-	-	-	-	-
Black Gram/Udid	Quintals	6,500	-	-	-	-	-	-	-

Bajra	Quintals	2,000	-	-	-	-	-	-	-
Jawar	Quintals		-	-	-	-	-	-	-
Sunflower	Quintals		-	-	-	-	-	-	-
Wheat	Quintals		-	-	-	-	-	-	-
Bengal Gram/Channa	Quintals	5,000	-	-	-	-	-	-	-
Jawar	Quintals		-	-	-	-	-	-	-
Maize	Quintals		-	-	-	-	-	-	-
Safflower	Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
Groundnut	Quintals		-	-	-	-	-	-	-



SITAMAJ AGRO PRODUCER COMPANY LTD., SHIRATE

	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	Quintals		-	-	-	-	-	-	-
Job Work Charges	Quintals	50	-	-	-	-	-	-	-
									
Fruit & Vegetables Crop Production Details									
Onion	Quintals	2,000	-	-	-	-	-	-	-
Tomato	Quintals	1,000	-	-	-	-	-	-	-
Okra	Quintals	1,500	-	-	-	-	-	-	-
Chilli	Quintals	3,000	-	-	-	-	-	-	-
Potato	Quintals	1,500	-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-

	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
Onion	Quintals	2,000	-	-	-	-	-	-	-
Tomato	Quintals	1,000	-	-	-	-	-	-	-
Okra	Quintals	1,500	-	-	-	-	-	-	-
Chilli	Quintals	3,000	-	-	-	-	-	-	-
Brinjal	Quintals	2,000	-	-	-	-	-	-	-
	0 Quintals		SITAMAJ AGRO PRODUCER COMPANY LTD., SHIRATE						
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-





	0	Quintals		-	-	-	-	-	-	-
	0	Quintals		-	-	-	-	-	-	-
	0	Quintals		-	-	-	-	-	-	-
Pomegranate		Quintals	5,000	-	-	-	-	-	-	-
Custard Apple		Quintals		-	-	-	-	-	-	-
Guava		Quintals		-	-	-	-	-	-	-
Citrus		Quintals		-	-	-	-	-	-	-
Total Revenue				5,853,000	6,974,825	7,886,917	8,872,782	9,937,516	11,086,541	12,325,625
Expenses										
Purchase										
Soybean		Quintals	4,000	7,449,408	5,326,327	6,022,846	6,775,702	7,588,786	8,466,240	9,412,467
Red Gram/Tur		Quintals	5,800	-	-	-	-	-	-	-

Paddy/Rice	Quintals		-	-	-	-	-	-	-
Green Gram/ Moong	Quintals	5,800	-	-	-	-	-	-	-
Maize	Quintals		-	-	-	-	-	-	-
Black Gram/Udid	Quintals	6,300	-	-	-	-	-	-	-
Bajra	Quintals	1,800	-	-	-	-	-	-	-
Jawar	Quintals		-	-	-	-	-	-	-
Sunflower	Quintals		-	-	-	-	-	-	-
Wheat	Quintals		-	-	-	-	-	-	-
Bengal Gram/Channa	Quintals	4,800	-	-	-	-	-	-	-
Jawar	Quintals		-	-	-	-	-	-	-
Maize	Quintals		-	-	-	-	-	-	-
Safflower	Quintals		-	-	-	-	-	-	-



SITAMA AGRO PRODUCER COMPANY LTD., SHIRATE

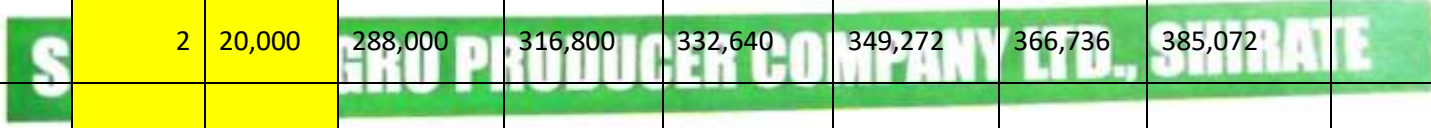
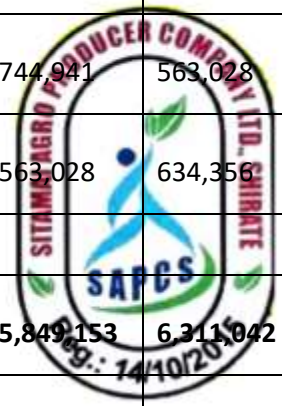
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
Groundnut	Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
									
SITAM AGRO PRODUCER COMPANY LTD., SHIRATE									
Fruit & Vegetables Crop Production Details									
Onion	Quintals	1,800	-	-	-	-	-	-	-
Tomato	Quintals	800	-	-	-	-	-	-	-

Okra	Quintals	1,300	-	-	-	-	-	-	-
Chilli	Quintals	2,800	-	-	-	-	-	-	-
Potato	Quintals	1,300	-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
	0 Quintals		-	-	-	-	-	-	-
Onion	Quintals	1,800	-	-	-	-	-	-	-
Tomato	Quintals	800	-	-	-	-	-	-	-
Okra	Quintals	1,300	-	-	-	-	-	-	-
Chilli	Quintals	2,800	-	-	-	-	-	-	-
Brinjal	Quintals	1,800	-	-	-	-	-	-	-



SITAMA AGRO PRODUCER COMPANY LTD., SHIRATE

		0	-	-	-	-	-	-	-	
Add: Opening Stock			-	744,941	563,028	634,356	711,410	794,583	884,294	
Less: Closing Stock			744,941	563,028	634,356	711,410	794,583	884,294	980,991	
Total Variable Cost			7,023,872	5,849,153	6,311,042	7,077,792	7,905,439	8,798,157	9,760,382	
Fixed Cost										
Machine Operator	\$	2	20,000	288,000	316,800	332,640	349,272	366,736	385,072	404,326
Rent				72,000	72,000	72,000	72,000	72,000	72,000	72,000



Total Fixed Cost			360,000	388,800	404,640	421,272	438,736	457,072	476,326
Total Expenses			7,383,872	6,237,953	6,715,682	7,499,064	8,344,175	9,255,229	10,236,708
Operaing Income			(1,530,873)	736,872	1,171,235	1,373,718	1,593,341	1,831,312	2,088,917

1. Inflation is assumed to be 5% anually.

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

Assumption:

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



Facility 2 - Grain Processing Unit - Soya Powder and Animal Feed Production
13.1 Producers/ Capacity Utilization

Capacity	2	Qtls P
No. of Hours	8	Hour

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
No. of Operation Days	63	73	84	95	106	118	129
Soyabean Powder	931.176	1086.372	1241.558	1396.764	1551.96	1707.156	1862.352
Animal Feed	73.87	78.46	100.44	123.51	147.73	173.17	199.88
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	0	0	0	0	0	0	0
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
Total Quantity to be Processed	1005.0466	1164.8361	1342.005292	1520.273157	1699.694615	1880.327346	2062.231913

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							
Soyabean Powder	931	1,086	1,242	1,397	1,552	1,707	1,862
Animal Feed	74	78	100	124	148	173	200
Paddy/Rice	-	-	-	-	-	-	-
Green Gram/ Moong	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Black Gram/Udid	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Bengal Gram/Channa	-	-	-	-	-	-	-
Jawar	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-
Output (KG)							
Soyabean Powder	931	1,086	1,242	1,397	1,552	1,707	1,862
Animal Feed	73.87	78.46	100.44	123.51	147.73	173.17	199.88
Dal Mill							



SITAMAL AGRO PRODUCER COMPANY LTD., SHIRATE

Husk and Powder								
Paddy/Rice								
Green Gram/ Moong								
Dal (80%)	-	-	-	-	-	-	-	-
Husk and Powder	-	-	-	-	-	-	-	-
Maize								
Black Gram/Udid								
Dal (80%)	-	-	-	-	-	-	-	-
Husk and Powder	-	-	-	-	-	-	-	-
Bajra								
Jawar								
SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE								
Sunflower								
Wheat								
Bengal Gram/Channa								



Dal (80%)	-	-	-	-	-	-	-
Husk and Powder	-	-	-	-	-	-	-
Jawar							
Maize							
Safflower							
	0						
	0						
	0						
Groundnut							
	0						
	0						



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

Packaging (In Kg) 1
Packaging (In Kg) 60



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

13.2 Facility 2 - Profit and loss of Grain Processing Unit - Soyabean Processing and Animal Feed Producing Plant

80% 88.00% 92.40% 97.02% 101.87% 106.96% 112.31%

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Revenue									
Soyabean									
Soyabean Powder	1 Kg	170	15,829,992	17,412,991	18,283,641	19,197,823	20,157,714	21,165,600	22,223,880
Animal Feed	1Kg	60	443,223.36	487,546	511,923	537,519	564,395	592,615	622,246
	50 Kg	4000	-	-	-	-	-	-	-
	50 Kg	4000	-	-	-	-	-	-	-
Husk and Powder	Kg	10	-	-	-	-	-	-	-
Job Work Charges	Kg	6	-	-	-	-	-	-	-
Total Revenue A			16,273,215	17,900,537	18,795,564	19,735,342	20,722,109	21,758,214	22,846,125
Expenses									
Purchase and Variable Cost									
Soyabean	Quintals	4,000	3,724,704	4,345,488	4,966,272	5,587,056	6,207,840	6,828,624	7,449,408
Soyabean for Animal Feed	Quintals	2,000	147,741	156,928	200,875	247,018	295,469	346,343	399,760

Fixed Cost			4,250,645	5,335,821	6,078,915	6,835,392	7,595,550	8,359,573	9,127,653
Total expenses			8,215,798	10,140,995	11,560,325	13,000,995	14,448,516	15,903,231	17,365,499
Operating Profit			8,057,417	7,759,542	7,235,239	6,734,347	6,273,593	5,854,984	5,480,626

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.



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE

Facility 3 - Warehouse
14.1 Capacity Utilization

Capacity **500.00** MT

No.of Month 12

Particular	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Capacity Utilisation	80%	85%	90%	95%	100%	100%	100%
Total Quantity Stored per Annum	4,800.00	5,100.00	5,400.00	5,700.00	6,000.00	6,000.00	6,000.00

14.2 Facility 3 - Profit and loss of Warehouse

Particulars	Unit	Rate	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Vegetable									
Storage Charges per MT per Month		100	480,000	535,500	595,350	659,846	729,304	765,769	804,057
Total Revenue			480,000	535,500	595,350	659,846	729,304	765,769	804,057
Expenses									
Variable Cost									
Dunnage	MT	15	30,000	31,500	33,075	34,729	36,465	38,288	40,203
Fumigation	MT	14	84,000	88,200	92,610	97,241	102,103	107,208	112,568

Electricity		5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Repairs			5,000	5,250	5,513	5,788	6,078	6,381	6,700
Labours	6	1,000	6,000	6,333	6,667	6,667	6,667	7,000	7,350
Total Variable Cost			185,000	194,283	204,014	213,882	224,242	235,454	247,227
Fixed Cost									
Warehouse Manager	1	5,000	60,000	63,000	66,150	69,458	72,930	76,577	80,406
Rent			-	-	-	-	-	-	-
Total Fixed Cost			60,000	63,000	66,150	69,458	72,930	76,577	80,406
Total Expenses			245,000	257,283	270,164	283,339	297,173	312,031	327,633
Operating profit			235,000	278,217	325,186	376,507	432,131	453,738	476,425

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.



SITAMAI AGRO PRODUCER COMPANY LTD., SHIRATE