

**PROJECT REPORT  
ON  
INTEGRATED FARMING**

## PROJECT AT A GLANCE

1	<b>Name of the Unit</b>	EDEN Natural Farming	
2	<b>Line of Activity</b>	Integrated Farming	
3	<b>Products</b>	Milk , Meat , Chicken Meat	
4	<b>New/Expansion/Modernization</b>	New	
5	<b>Constitution</b>	Proprietorship	
6	<b>Name of the Proprietor</b>	Balla Jayanth Babu	
7	<b>Registered Address</b>	1-3, Manuguluru (V), Chinthapadu (post ), Mandavelli (m), Krishna, A P - 521333	
8	<b>Site Location</b>	1-3, Manuguluru (V), Chinthapadu (post ), Mandavelli (m), Krishna, A P - 521333	
9	<b>Cost of the Project</b>		15,00,000.00
10	<b>Feciliites Required</b>	Term Loan	
11	<b>Promoters Contribution</b>		1,50,000.00
12	<b>Loan From Bank</b>		13,50,000.00
13	<b>Moratorium</b>	6 Months	
14	<b>Power</b>	Yes	
15	<b>BEP</b>	38.16%	
16	<b>Average DSCR</b>	3.24	

## EDEN Natural Farming

### Total Project Cost

S.No	Particulars	Amount
1	Cost of Buffellows Type - Murrah Nubmber of Bufellows- 8 Each Bufellow @ 120000	0 9,60,000
2	Shed Cost Area Required 60*30sft/ bufellow Total sft required for 10 bufellow - 1800 sft Cost of Const/sft @ 200	2,70,000
3	Cost Of Chick's Number Of Chick's - 50	3,000.00
4	Cost Of Sheeps Number Of Sheeps - 10 Each Sheep @ 4000	40,000.00
5	Bio flock tanks - 2 , Each @12000/-	24,000.00
6	Fish Seed No's 2000/-	14,000.00
3	Chaff Cutter 3HP	14,000
4	Milking Machine	12,000
5	Bore Well	65,000
6	Motor 3HP	20,000
7	Electrical Wiring	20,000
8	Field Laese	38,000
9	Misc	20,000
	<b>Total Cost</b>	<b>15,00,000</b>

### Means of Finance :Term Loan

S.NO	Particulars	Amount	%
1	Promoters Contribution	1,50,000	10%
2	Bank Finance	13,50,000	90%
	<b>Total</b>	<b>15,00,000</b>	<b>100%</b>

S.NO	Particulars	Amount	%
	<b>Working Capital</b>		
	Total Working Capital Required	12,05,200	99,058

## EDEN Natural Farming

### Yield Statement - Milk

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
1.Total Installed Capacity in Liters/ Bufellow	10	10	10	10	10
2.No of Bufellows	8	8	9	9	10
3.No of Production days in year	290	290	300	300	300
4.Total Installed Capacity	23200	23200	27000	27000	30000
5.Capacity Utilization	90.00%	90.00%	90.00%	90.00%	90.00%
5.Actual Capacity in Liters	20880	20880	24300	24300	27000
6.Selling Price per Liter	65	65	70	70	70
7.Total Revenue /Year	13,57,200	13,57,200	17,01,000	17,01,000	18,90,000

### Yield Statement - Chicken Meat

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
1.Total Installed Capacity Meat Kgs	75	75	75	75	75
2.No of Production Batch in year	1	1	1	1	1
3.Total Installed Capacity	75	75	75	75	75
4.Selling Price per Kg	300	300	300	300	300
5.Total Revenue /Year	22,500	22,500	22,500	22,500	22,500

### Yield Statement - Meat

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
1.Total Installed Capacity Kgs	150	170	170	200	200
2.No of Production in year (Batch )	2	2	2	2	2
3.Total Installed Capacity	300	340	340	400	400
4.Selling Price per Kg	750	750	750	750	750
5.Total Revenue /Year	2,25,000	2,55,000	2,55,000	3,00,000	3,00,000

### Yield Statement - Fish

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
1.Total Installed Capacity Kgs	1,000	1,000	1,000	1,000	1,000
2.No of Production in year (Batch )	2	2	2	2	2
3.Total Installed Capacity	2,000	2,000	2,000	2,000	2,000
4.Selling Price per Kgs	350	350	350	350	350
5.Total Revenue /Year	7,00,000	7,00,000	7,00,000	7,00,000	7,00,000

### Yield Statement - Vermi Compost

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
1.Sale of Vermi Compost in Kgs	4,000	4,000	4,000	5,000	5,000
2.Sale Price Per Kg	8	8	8	10	10
3.Total Revenue	32,000	32,000	32,000	50,000	50,000

### Cost Bufellows

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
<b>a) Feed Cost</b>					
1.Feed Cost /Day/Bufellow	300	300	300	300	400
2.Number of Bufellows	10	10	11	11	12
3.No of Days in a year	270	270	270	270	290
<b>Total Feed Cost</b>	<b>8,10,000</b>	<b>8,10,000</b>	<b>8,91,000</b>	<b>8,91,000</b>	<b>13,92,000</b>

### Cost Chicken

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
<b>b) Feed Cost</b>					
1.Feed Cost per Year	100	100	100	100	100
2.No of Days in a year	300	300	300	300	300
<b>Total Feed Cost</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>

### Cost Sheeps

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
<b>b) Feed Cost</b>					
1.Feed Cost Sheep per year	200	200	200	200	200
2.No of Days in a year	300	300	300	300	300
<b>Total Feed Cost</b>	<b>60000</b>	<b>60000</b>	<b>60000</b>	<b>60000</b>	<b>60000</b>

### Cost Fish

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
<b>a) Feed Cost</b>					
1.Feed Cost per batch	140000	140000	140000	140000	140000
2.Number of Batch	2	2	2	2	2
3.No of Days in a year	1	1	1	1	1
<b>Total Feed Cost</b>	<b>2,80,000</b>	<b>2,80,000</b>	<b>2,80,000</b>	<b>2,80,000</b>	<b>2,80,000</b>

### a) Earth Warms

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
1.Purchase Cost	5,200	5,200	5,200	5,200	5,200

### b)Labour Cost

1.Manpower Required	3	3	3	3	3
2.Salary/Month	10,000	10,000	10,000	10,000	10,000
<b>Total Salary</b>	<b>3,60,000</b>	<b>3,60,000</b>	<b>3,60,000</b>	<b>3,60,000</b>	<b>3,60,000</b>

### c) Vetarnary Aid

Medicines/ Year	10000	11000	12100	13310	14641
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### d)Insurance @2% on Animal Cost

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### e) Electrical Cost/ Year

	20,000	22,000	24,200	26,620	29,282
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## EDEN Natural Farming

### Projected Profitability Statement

<b>Particulars</b>	<b>Projected Year 1</b>	<b>Projected Year 2</b>	<b>Projected Year 3</b>	<b>Projected Year 4</b>	<b>Projected Year 5</b>
<b>Income</b>					
Sales Revenue	23,36,700	23,66,700	27,10,500	27,73,500	29,62,500
Other Income	-	-	-	-	-
<b>Total</b>	<b>23,36,700</b>	<b>23,66,700</b>	<b>27,10,500</b>	<b>27,73,500</b>	<b>29,62,500</b>
<b>Expenditure</b>					
Feed Cost	9,05,200	8,15,200	8,96,200	8,96,200	13,97,200
Salaries & Wages	3,60,000	3,60,000	3,60,000	3,60,000	3,60,000
Medicine Cost	10,000	11,000	12,100	13,310	14,641
Electricity Charges	20,000	22,000	24,200	26,620	29,282
Misc Exp	-	-	-	-	-
Finance Charges	1,78,875	95,625	68,625	41,625	14,625
Depriciation	1,50,000	1,50,000	1,50,000	1,50,000	1,50,000
<b>Profit Before Tax</b>	<b>7,12,625</b>	<b>9,12,875</b>	<b>11,99,375</b>	<b>12,85,745</b>	<b>9,96,752</b>
Provision for Tax	-	-	-	3,85,724	2,99,026
<b>Profit After Tax</b>	<b>7,12,625</b>	<b>9,12,875</b>	<b>11,99,375</b>	<b>9,00,022</b>	<b>6,97,726</b>
<b>Net Profit Ratio</b>	<b>30.50%</b>	<b>38.57%</b>	<b>44.25%</b>	<b>32.45%</b>	<b>23.55%</b>

**BALANCE SHEET**

	Projected	Projected	Projected	Projected	Projected
Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Liabilities</b>					
<b>Proprietors Capital</b>					
Capital	1,50,000	8,62,625	17,75,500	29,74,875	38,74,897
Reserves & Surplus	7,12,625	9,12,875	11,99,375	9,00,022	6,97,726
Less: Drawings	-	-	-	-	-
<b>Total</b>	<b>8,62,625</b>	<b>17,75,500</b>	<b>29,74,875</b>	<b>38,74,897</b>	<b>45,72,623</b>
<b>Secured Loans</b>					
Term Loan	10,80,000	8,10,000	5,40,000	2,70,000	-
<b>Unsecured Loans</b>					
	-	-	-	-	-
<b>Current Liabilities</b>					
Advances From Customers	-	-	-	-	-
Sundry Creditors	-	-	-	-	-
Other Provisions	-	-	-	-	-
<b>Total</b>	<b>19,42,625</b>	<b>25,85,500</b>	<b>35,14,875</b>	<b>41,44,897</b>	<b>45,72,623</b>
<b>Assets</b>					
Fixed Assets	13,50,000	12,00,000	10,50,000	9,00,000	7,50,000
Non Current Assets	-	-	-	-	-
<b>Current Assets</b>					
Sundry Debtors	45,436	46,019	52,704	53,929	57,604
Loans & Advances	-	-	-	-	-
Cash & Bank Balances	5,47,189	13,39,481	24,12,171	31,90,967	37,65,019
<b>Total</b>	<b>19,42,625</b>	<b>25,85,500</b>	<b>35,14,875</b>	<b>41,44,897</b>	<b>45,72,623</b>

EDEN Natural Farming

Term Loan                   **13,50,000.00**  
 Rate                           **10.00%**  
 Intallments Monthly       **60**  
 Insatallament Amount      **22,500.00**

Installment No	Opening Balance	Installment Amount	Interest	Closing Balance	Yearly Interest
-	13,50,000.00	-	11,250	13,50,000	
-	13,50,000.00	-	11,250	13,50,000	
-	13,50,000.00	-	11,250	13,50,000	
-	13,50,000.00	-	11,250	13,50,000	
-	13,50,000.00	-	11,250	13,50,000	56,250
1	13,50,000.00	22,500.00	11,250	13,27,500	
2	13,27,500.00	22,500.00	11,063	13,05,000	
3	13,05,000.00	22,500.00	10,875	12,82,500	
4	12,82,500.00	22,500.00	10,688	12,60,000	
5	12,60,000.00	22,500.00	10,500	12,37,500	
6	12,37,500.00	22,500.00	10,313	12,15,000	
7	12,15,000.00	22,500.00	10,125	11,92,500	
8	11,92,500.00	22,500.00	9,938	11,70,000	
9	11,70,000.00	22,500.00	9,750	11,47,500	
10	11,47,500.00	22,500.00	9,563	11,25,000	
11	11,25,000.00	22,500.00	9,375	11,02,500	
12	11,02,500.00	22,500.00	9,188	10,80,000	1,22,625
13	10,80,000.00	22,500.00	9,000	10,57,500	
14	10,57,500.00	22,500.00	8,813	10,35,000	
15	10,35,000.00	22,500.00	8,625	10,12,500	
16	10,12,500.00	22,500.00	8,438	9,90,000	
17	9,90,000.00	22,500.00	8,250	9,67,500	
18	9,67,500.00	22,500.00	8,063	9,45,000	
19	9,45,000.00	22,500.00	7,875	9,22,500	
20	9,22,500.00	22,500.00	7,688	9,00,000	
21	9,00,000.00	22,500.00	7,500	8,77,500	
22	8,77,500.00	22,500.00	7,313	8,55,000	
23	8,55,000.00	22,500.00	7,125	8,32,500	
24	8,32,500.00	22,500.00	6,938	8,10,000	95,625
25	8,10,000.00	22,500.00	6,750	7,87,500	
26	7,87,500.00	22,500.00	6,563	7,65,000	
27	7,65,000.00	22,500.00	6,375	7,42,500	
28	7,42,500.00	22,500.00	6,188	7,20,000	
29	7,20,000.00	22,500.00	6,000	6,97,500	
30	6,97,500.00	22,500.00	5,813	6,75,000	
31	6,75,000.00	22,500.00	5,625	6,52,500	
32	6,52,500.00	22,500.00	5,438	6,30,000	
33	6,30,000.00	22,500.00	5,250	6,07,500	
34	6,07,500.00	22,500.00	5,063	5,85,000	
35	5,85,000.00	22,500.00	4,875	5,62,500	
36	5,62,500.00	22,500.00	4,688	5,40,000	68,625
37	5,40,000.00	22,500.00	4,500	5,17,500	
38	5,17,500.00	22,500.00	4,313	4,95,000	
39	4,95,000.00	22,500.00	4,125	4,72,500	
40	4,72,500.00	22,500.00	3,938	4,50,000	
41	4,50,000.00	22,500.00	3,750	4,27,500	
42	4,27,500.00	22,500.00	3,563	4,05,000	
43	4,05,000.00	22,500.00	3,375	3,82,500	
44	3,82,500.00	22,500.00	3,188	3,60,000	
45	3,60,000.00	22,500.00	3,000	3,37,500	
46	3,37,500.00	22,500.00	2,813	3,15,000	
47	3,15,000.00	22,500.00	2,625	2,92,500	
48	2,92,500.00	22,500.00	2,438	2,70,000	41,625
49	2,70,000.00	22,500.00	2,250	2,47,500	
50	2,47,500.00	22,500.00	2,063	2,25,000	
51	2,25,000.00	22,500.00	1,875	2,02,500	
52	2,02,500.00	22,500.00	1,688	1,80,000	
53	1,80,000.00	22,500.00	1,500	1,57,500	
54	1,57,500.00	22,500.00	1,313	1,35,000	

Installment No	Opening Balance	Installment Amount	Interest	Closing Balance	Yearly Interest
55	1,35,000.00	<b>22,500.00</b>	1,125	1,12,500	
56	1,12,500.00	<b>22,500.00</b>	938	90,000	
57	90,000.00	<b>22,500.00</b>	750	67,500	
58	67,500.00	<b>22,500.00</b>	563	45,000	
59	45,000.00	<b>22,500.00</b>	375	22,500	
60	22,500.00	<b>22,500.00</b>	188	-	<b>14,625</b>



**Debt Service Coverage Ratio**

<b>Particulars</b>	<b>Projected Year 1</b>	<b>Projected Year 2</b>	<b>Projected Year 3</b>	<b>Projected Year 4</b>	<b>Projected Year 5</b>
Profit After tax	7,12,625	9,12,875	11,99,375	9,00,022	6,97,726
Depriciation	1,50,000	1,50,000	1,50,000	1,50,000	1,50,000
Interest on term Loan	1,78,875	95,625	68,625	41,625	14,625
<b>Total</b>	<b>10,41,500</b>	<b>11,58,500</b>	<b>14,18,000</b>	<b>10,91,647</b>	<b>8,62,351</b>
<b>Payment Obligation</b>					
TL Installments	2,70,000	2,70,000	2,70,000	2,70,000	2,70,000
Interest	1,78,875	95,625	68,625	41,625	14,625
<b>Total</b>	<b>4,48,875</b>	<b>3,65,625</b>	<b>3,38,625</b>	<b>3,11,625</b>	<b>2,84,625</b>
<b>DSCR</b>	<b>2.32</b>	<b>3.17</b>	<b>4.19</b>	<b>3.50</b>	<b>3.03</b>
<b>Avg DSCR</b>	<b>3.24</b>				

## Break Even Point

	Projected	Projected	Projected	Projected	Projected
Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
Revenue	23,36,700	23,66,700	27,10,500	27,73,500	29,62,500
<b>Variable Costs</b>					
Feed Cost	9,05,200	8,15,200	8,96,200	8,96,200	13,97,200
Medicine Cost	10,000	11,000	12,100	13,310	14,641
<b>Total</b>	<b>9,15,200</b>	<b>8,26,200</b>	<b>9,08,300</b>	<b>9,09,510</b>	<b>14,11,841</b>
<b>Contribution</b>	<b>14,21,500</b>	<b>15,40,500</b>	<b>18,02,200</b>	<b>18,63,990</b>	<b>15,50,659</b>
<b>Fixed Costs</b>					
Salaries	3,60,000	3,60,000	3,60,000	3,60,000	3,60,000
Electricity Charges	20,000	22,000	24,200	26,620	29,282
Interest	1,78,875	95,625	68,625	41,625	14,625
Depriciation	1,50,000	1,50,000	1,50,000	1,50,000	1,50,000
<b>Total</b>	<b>7,08,875</b>	<b>6,27,625</b>	<b>6,02,825</b>	<b>5,78,245</b>	<b>5,53,907</b>
<b>Break even Point</b>	<b>49.87%</b>	<b>40.74%</b>	<b>33.45%</b>	<b>31.02%</b>	<b>35.72%</b>
<b>Break even Sales</b>	<b>11,65,268</b>	<b>9,64,232</b>	<b>9,06,646</b>	<b>8,60,392</b>	<b>10,58,227</b>
<b>Margin of Safety Sales</b>	<b>11,71,432</b>	<b>14,02,468</b>	<b>18,03,854</b>	<b>19,13,108</b>	<b>19,04,273</b>
<b>Average BEP</b>	<b>38.16%</b>				

## Assumptions

- 1 Sale Prices are expected to increase by Rs 5 per Liter for every year  
Sale Prices are expected to increase by Rs 10 per Kg for every year
- 2 Feed Cost is expected to increase by Rs.5 for every year
- 3 Salaries are expected to increase by 5% for every year
- 4 Term Loan Interest is considered at 10% p.a
- 5 Internal Accruals are expected to invest in Lands
- 6  
Income tax is considered at rates applicable to Individuals as per Income tax act,1961
- 7 Depreciation on Bufellow & Sheep& Other Equipment is considered @ 10% on Straight Line

basis