

# Adarsha Livestock Farm

*Nobin Udokkta Program*

# Brief Bio of the Entrepreneur

- Name : Md. Emran Hossain
- Address : Burichong, Comilla
- Mother : Ranu Begum (GB borrower),  
Burichong Centre # 21, Member # 02
- Educational Qualification : S.S.C Pass
- Experience : 5 (Five) years in livestock farming business

# Project Description

- Project location : Adjacent to existing residence
- Project Cost : **BDT 29,21,200/-**
- Project Finance : Entrepreneur BDT 2,00,000/-  
Investor BDT 27,21,200/-
- **Project Implementation** :

The project will start with 10 cows (and 10 calves) targeting break even point within first year & pay back period is estimated to be five years.

# Project Objectives

- Enhancement of entrepreneurial skills
- Employment opportunities for others
- Improving livelihood of the entrepreneur
- Furthering the cause of improving nutrition in the community
- Scopes for use of animal waste to produce biogas and fertilizer, thus furthering the cause of a better environment.

# Project Cost

Particulars	Amount (BDT)
Brick shades for cows	4,00,000.00
Total cost of 10 cows	13,00,000.00
Feeding Bowl	1,00,000.00
Fixtures and Fittings	20,000.00
Water Motor	20,000.00
Cow Feed (For One Year)	844,800.00
Vaccine (For One Year)	60,000.00
Salary and Utility	1,76,400.00
<b>Total Project Cost</b>	<b>29,21,200.00</b>

# Existing Business

<i>Item</i>	<i>Amount (BDT)</i>
<b>Revenue</b>	
Revenue from Milk (5 cows)	675,000.00
Revenue from Sale of Cows	-
Revenue from Sale of Cow Dung	5,040.00
<b>Sub Total</b>	<b>680,040.00</b>
<b>Expenses</b>	
Cow Feed	300,000.00
Vaccine	30,000.00
Electricity	2,400.00
Salary	36,000.00
Fixtures and Fittings	-
Depreciation	-
<b>Sub Total</b>	<b>368,400.00</b>
<b>Net Profit</b>	<b>311,640.00</b>

# Income Statement

<i>Item</i>	<i>Amounts (BDT)</i>				
<b>Revenue</b>	<i>Year - 1</i>	<i>Year - 2</i>	<i>Year - 3</i>	<i>Year - 4</i>	<i>Year - 5</i>
Revenue from Milk	1,260,000.00	1,386,000.00	3,150,000.00	5,197,500.00	5,512,500.00
Revenue from Sale of Cows	60,000.00	480,000.00	500,000.00	1,200,000.00	2,400,000.00
Revenue from Sale of Cow Dung	12,000.00	18,000.00	36,000.00	48,000.00	60,000.00
<b>Sub Total</b>	1,332,000.00	1,884,000.00	3,686,000.00	6,445,500.00	7,972,500.00
<b>Expenses</b>					
Cow Feed	844,800.00	1,436,160.00	2,323,200.00	2,787,840.00	3,577,728.00
Vaccine	60,000.00	90,000.00	240,000.00	320,000.00	320,000.00
Electricity	8,400.00	8,400.00	12,000.00	14,400.00	16,800.00
Salary	168,000.00	168,000.00	168,000.00	252,000.00	252,000.00
Fixtures and Fittings	20,000.00	-	-		
Depreciation	76,000.00	76,000.00	76,000.00	76,000.00	76,000.00
<b>Sub Total</b>	1,177,200.00	1,778,560.00	2,819,200.00	3,450,240.00	4,242,528.00
<b>Net Profit</b>	<b>154,800.00</b>	<b>105,440.00</b>	<b>866,800.00</b>	<b>2,995,260.00</b>	<b>3,729,972.00</b>
<b>Cumulative Profit</b>	<b>154,800.00</b>	<b>260,240.00</b>	<b>1,127,040.00</b>	<b>4,122,300.00</b>	<b>7,852,272.00</b>

# Projected Cash Flow

	<i>Year - 1</i>	<i>Year - 2</i>	<i>Year - 3</i>	<i>Year - 4</i>	<i>Year - 5</i>
<b>Receipts</b>					
<b>Opening Balance</b>	-	<b>1,132,000.00</b>	<b>963,440.00</b>	<b>1,356,240.00</b>	<b>2,862,500.00</b>
Capital Infusion by Entrepreneur	200,000.00	-	-	-	-
Capital Infusion by Investor	2,721,200.00	-	-	-	-
Revenue from Milk	1,260,000.00	1,386,000.00	3,150,000.00	5,197,500.00	5,512,500.00
Other Revenue	72,000.00	498,000.00	536,000.00	1,248,000.00	10,432,500.00
<b>Total Receipts</b>	<b>4,253,200.00</b>	<b>3,016,000.00</b>	<b>4,649,440.00</b>	<b>7,801,740.00</b>	<b>18,807,500.00</b>
<b>Payments</b>					
Purchase of Cows	1,300,000.00	-	-	-	-
Cow Shed	400,000.00	-	-	-	-
Fixtures and Fittings	20,000.00	-	-	-	-
Feeding Bowls	100,000.00	-	-	-	-
Water Motor	20,000.00	-	-	-	-
Cow Feed	844,800.00	1,436,160.00	2,323,200.00	2,787,840.00	3,577,728.00
Vaccine	60,000.00	90,000.00	240,000.00	320,000.00	320,000.00
Electricity	8,400.00	8,400.00	12,000.00	14,400.00	16,800.00
Salary	168,000.00	168,000.00	168,000.00	252,000.00	252,000.00
Bio Gas Plant	-	-	-	250,000.00	-
Generator	-	-	-	65,000.00	-
Repayment	200,000.00	350,000.00	550,000.00	1,250,000.00	571,200.00
<b>Total Payments</b>	<b>3,121,200.00</b>	<b>2,052,560.00</b>	<b>3,293,200.00</b>	<b>4,939,240.00</b>	<b>4,737,728.00</b>
<b>Closing Balance</b>	<b>1,132,000.00</b>	<b>963,440.00</b>	<b>1,356,240.00</b>	<b>2,862,500.00</b>	<b>14,069,772.00</b>



# Basic Assumption

- The Project will start with 10 cows (and 10 calves) and it is expected that by the end of five years the number of cows will be 40.
- Milk production is estimated to be 13 to 15 lit./day/cow and will increase gradually with number cows.
- Other than sales of milk revenue will be generated from selling calves, cow dung etc.

# Bio Gas Plant

- To be installed at the 4<sup>th</sup> Year when stock reaches 30
- 600 kilos of dung/day
- 22 feet plant
- Cost of Plant BDT 250,000.00
- Cost of Generator BDT 65,000.00
- Power Generation 4,500 Watts (3 to 4 hours/day)

# Risk Factors

- Epidemics
- Theft
- Unavailability of food

# Risk Management

- Adequate precaution to be taken
- Proper security measures will be taken
- Adequate food needs to be stored