**TVM PVT LTD**

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**Address**:

Door no: 4-22, shaikpalli (village),

Peddapappur (mandal),

Ananthapur (District),

Andhrapradesh -515445.

**Contact info**: +919550557316

Vennapusa Viswanathreddy 

**Founder & Chairman**

Mr.Vennapusa Viswanathreddy, the founder and chairman of the company, graduated with a bachelor of technology (Electrical & Electronics) degree from the Kuppam engineering college, kuppam.



Vennapusa Mounika

**Managing Director& CEO**

Ms.Vennapusa mounika, the managing director & CEO of the company, graduated with a bachelor of technology (computer science) degree from the Rajiv Gandhi University of Knowledge Technologies, Idupulapaya where she is specialized in advanced computer technology.

**Our Vision**

* To bring value to the farmer and quality to consumer, always.
* Provide a quality service that exceeds the expectations of our esteemed customers.
* Be the first choice for consumers.

**Our Mission**

* To build long term relationships with our customers and clients and provide exceptional customer services by pursuing business through innovation and advanced technology.
* To manufacture world class products of outstanding qualities ,providing related services and solutions to our client while utilizing latest technologies, highest business standard, work ethics corporate Governance so we can make every customer **SMILE**.

**Our values**

* We believe in treating our customers with respect and faith.
* We grow through creativity, invention and innovation.
* We integrate honesty, integrity and business ethics into all aspects of our business functioning.
* We do everything in excellence.
* We exist for the customer, around the clock.

**Slogan:** Feed the people.

***DAIRY FARM UNIT OF 20 BUFFALOES***

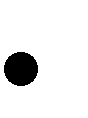
**ASSUMPTIONS :**

|  |  |
| --- | --- |
| Type Of Animal | Buffaloes |
| No of animals | 20 |
| Cost of animal( including transportation and insurance) (Rs/-) | 35,000 |
| Average milk yield (liters/day) | 8 |
| Selling price of milk/lit (Rs/-) | 21 |
| Sale of manure/animal/year (Rs/-) | 500 |
| Culled value/ animal at the end of fifth lactation (Rs/-) | 10,000 |
| Veterinary aid /animal/year | 500 |
| Rate of interest (%) | 12 |
| Residual value of shed and equipment to be taken(yes/no) | N0 |
| Repayment period(years) | 3 |
| % Of net surplus towards repayment | 80 |

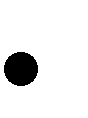
# Feeding Schedule:-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Lactation Period** | | **Dry Period &** | |
| **Quantity(Kg)** | **Cost** | **Quantity(Kg)** | **Cost** |
| i.Concentrate Feed (Rs.10/Kg) |  |  |  |  |
| For milk (1 kg/3 litre) | 4 | 40 | 0 | 0 |
| For Maintenance+preg. | 1 | 10 | 1.5 | 15 |
| ii. Green Fodder | 20 | 0 | 20 | 0 |
| iii. Dry Fodder(Rs.3/Kg) | 5 | 15 | 5 | 15 |

|  |  |
| --- | --- |
| **Particulars** | **Cost (Rs.)** |
| A. Capital Cost |  |
| Cost of Crossbred Cows including transport cost & Insurance cost (20animals;  Rs. 35,000 each) | 7,00,000 |
| Shed for adult animals (40 sq.ft/animal; Rs. 80/sq.ft) | 96,000 |
| Equipment cost | 25,000 |
| Cost for fodder cultivation(for 1 acre) | 30,000 |
| B. Working capital |  |
| Cost of Feeding first animal for one month | 24,000 |
| **Total** | 8,75,000 |

 Based on the Norms the funding for dairy unit was as follows

|  |  |
| --- | --- |
| Total Project Cost | 8,75,000 |
| Margin Money (Borrower/company) | 1,50,000 |
| Bank Loan | 7,25,000 |

 Based on an inter-calving period of 400 days (250 lact.days + 150 dry days), the lactation chart for the animal farm is given below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **I Batch** | | **II Batch** | | **Total** | |
| **Lactation days** | **Dry days** | **Lactation days** | **Dry days** | **Lactation days** | **Dry days** |
| I | 2500 | 1150 | 1800 | 0 | 4300 | 1150 |
| II | 2800 | 850 | 2150 | 1500 | 4950 | 2350 |
| III | 2650 | 1000 | 2150 | 1500 | 4800 | 2500 |
| IV | 2150 | 1500 | 2150 | 1500 | 4300 | 3000 |
| V | 2150 | 1500 | 2650 | 1000 | 4800 | 2500 |

# Projected Profitability:-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Particulars** | **I year** | **II year** | **III year** | **IV year** | **V year** |
| **Income:** |  |  |  |  |  |
| By sale of Milk | 7,22,400 | 8,31,600 | 8,06,400 | 7,22,400 | 8,06,400 |
| By sale of Manure | 7,500 | 10,000 | 10,000 | 10,000 | 10,000 |
| ***Total*** | 7,29,900 | 8,41,600 | 8,16,400 | 7,32,400 | 8,16,400 |
| **Expenditure**: |  |  |  |  |  |
| concentrated feed | 2,26,500 | 2,71,000 | 2,65,000 | 2,45,000 | 2,65,000 |
| Dry Fodder | 81,750 | 1,09,500 | 1,09,500 | 1,09,500 | 1,09,500 |
| Labor cost | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 |
| On Veterinary Aid | 7,500 | 10,000 | 10,000 | 10,000 | 10,000 |
| **Total** | 3,63,750 | 4,38,500 | 4,32,500 | 4,12,500 | 4,32,500 |
| **Net Income** | 3,66,150 | 4,03,100 | 3,83,900 | 3,19,900 | 3,83,900 |

**Financial Analysis:-**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Particulars** | **I year** | **II year** | **III year** | **IV year** | **V year** |
| **Cost:** |  |  |  |  |  |
| Capital Cost | 8,75,000 |  |  |  |  |
| Recurring cost | 3,63,750 | 4,38,500 | 4,32,500 | 4,12,500 | 4,32,500 |
| Total Cost | 12,14,750 | 4,38,500 | 4,32,500 | 4,12,500 | 4,32,500 |
| Benefits | 7,29,900 | 8,41,600 | 8,16,400 | 7,32,400 | 8,16,400 |
| Residual value |  |  |  |  | 2,00,000 |
| Total Benefit | 7,29,900 | 8,41,600 | 8,16,400 | 7,32,400 | 10,16,400 |
| Net Benefit | -4,84,850 | 4,03,100 | 3,83,900 | 3,19,900 | 5,83,900 |
| **Discount Factor at 15 %** | 0.87 | 0.76 | 0.66 | 0.57 | 0.50 |
| **BCR** | **1.34: 1** | | | | |
| **NPV** | **6,40,123** | | | | |
| **IRR** | **>50% (80.87 %)** | | | | |

**Repayment Period:-**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Loan**  **Outstanding** | **Interest**  **(12%)** | **Net**  **Profit** | **Repayment**  **of Principal** | **Total Repayment** | **Net**  **Surplus** |
| 1 | 7,25,000 | 87,000 | 3,66,150 | 2,05,920 | 2,92,920 | 73,230 |
| 2 | 5,19,080 | 62,290 | 4,03,100 | 2,60,190 | 3,22,480 | 80,620 |
| 3 | 2,58,890 | 31,067 | 3,83,900 | 2,58,890 | 2,89,956 | 93,944 |
| 4 | 0 | 0 | 3,19,900 | 0 | 0 | 3,19,900 |
| 5 | 0 | 0 | 5,83,900 | 0 | 0 | 5,83,900 |