

## **Intensive Ramlamb fattening**

with **TMR** feeding  
( 30 + 30 + 30 + 30 Batch )

an entrepreneurship opportunity in **Telangana**



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## Intensive Ramlamb fattening

### Project Objective

- Intensive fattening of Ram lambs
- **Sale of one batch of 30 Ram lambs once a month continuously ,for slaughter**  
Or an average 'one Ram lamb' is to be sold for slaughter per day starting **from 5<sup>th</sup> month**, 'after start' of the farm.

### Plan

- ✓ Procuring weaned Ram lambs (3 months old ) from **primary** markets or from reliable supply source
- ✓ Intensive feeding for **4 months** with balanced nutrition
- ✓ Following **Dry Medicated TMR** feeding system
- ✓ Expected average daily growth rate of '**150 gms**' per day ( ie 18 kgs in 4 months @ 4.5 kgs per month )
- ✓ The **final targeted live weight for sale for slaughter is 28 kgs** ( including 10 kgs weight at procurement ).
- ✓ Can **start selling** Ram lambs for slaughter after attaining minimum **24 kgs live weight** also as per demand & season.
- ✓ Making available tender, healthy Lamb ( Meat of lamb)/Mutton in retail market.

### Entrepreneurship Opportunity

- India being a Hindu country depends mainly on Chicken, Sheep and Goat for their 'meat' requirement.
- Because of religious, legal and social restrictions, there is '**no alternate meat source**' ( like pork and beef) also for Indians other than Chicken, Sheep and Goat. Same in Telangana also
- The most preferred meat in Telangana is Mutton ie meat of Sheep because of traditional food habits.
- There is ever growing demand for Mutton in Telangana which is indicated by increasing Mutton prices.

- Meat from Sheep is the only food commodity whose retail price is increased from Rs 100/- to Rs 800/- in the last 22 years ( 2000 - 2022 ) **without any fluctuation** even in rural areas and small Towns.
- ***It is estimated that Mutton price will be not less than Rs 1000 per kg by 2025.***
- Increasing Mutton prices is an ‘**alarming**’ sign for future scarcity of mutton.
- As per National Institute of Nutrition ( **NIN – Hyderabad** ) the dietary recommended allowance of ‘meat’ (from all sources) is **12 kgs / year**. But it is just 9.2 Kgs in Telangana which shows the gap between requirement and availability.

*Though the meat from Sheep is a ‘primary meat source in Telangana, majority of Sheep reared are still with rural based traditional community families where in Sheep are maintained under “open grazing system”, a system of farming where Sheep suffer from imbalanced and insufficient nutrition. Because of which lowered growth rates are observed in Ram lambs and there is significant mortality also.*

To get scientific standard growth rates as per genetic potential of the breed during “lamb stage” in Ram lambs ( 0-9 months age ) intensive feeding with balanced TMR shall be the best entrepreneurship opportunity for new livestock entrepreneurs in Telangana. It shall be adapted by traditional community shepherds also for making additional income. It also aids to fill the gap between demand and supply and also to meet future demand.

### **illustrative Batch wise “in & out” chart**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Month wise procured Batch	*A	A B	A B C	A B C D	B C D E	C D E F	D E F G	E F G H	F G H I	G H I J	H I J K	I J K L
Month wise sold Batch	-	-	-	-	A	B	C	D	E	F	G	H

Batch ID - \* A,B,C,D, E, F, G, H, I, J, K, L ...Z

No of Ramlambs procured in each Batch - 33  
( expected Mortality & Non adaptability included )

## Techno - Economical parameters

- BREED NELLORE Brown / Jodipi
- EACH BATCH SIZE 30 RAMLAMBS
- NO.OF BATCHES 4
- AGE AT PURCHASE 3 MONTHS OLD / LIVE WEIGHT **10 KGS**
- PURCHASING INTERVAL ONE MONTH
- FATTENING PERIOD 120 DAYS ( from purchase to sale )
- FIRST SALE 4 MONTHS AFTER PURCHASE OF FIRST BATCH
- SUBSEQUENT SALES ONE BATCH EVERY 30 DAYS
- FARM/SHED CAPACITY 132 ANIMALS ie, 6 BATCHES @ 33 ANIMALS
- LABOUR ONE PERSON
- NATURAL MORTALITY @ 3 LAMBS PER BATCH ( 9-10% )
- PROPOSED FEEDING SYSTEM INTENSIVE ( ZEROGRAZING )
- FEED& FODDER 100% DRY TMR
- EXPECTED AVERAGE DAILY GAIN 150 Gms ( **Min**)
- DAILY FEED INTAKE @ 4 -5 % of Bwt ( Approx 1200 Gms **Max** )
- TOTAL FEED CONSUMPTION  
Per lamb@1200 gms/day/120 days 144 Kgs (**Max**)
- COST OF TMR RS 13.00 per Kg

TMR composition	*Non legume dry @ Rs 5 per kg		40 %	Rs 2.00
	**Legume dry @ Rs 5 per Kg		20%	Rs 1.00
	Concentrate feed @ Rs 25 per kg		40%	Rs 10.00
<b>Cost of 1 kg TMR</b>				<b>Rs 13.00</b>

\* Non legume dry .... Pulse crop residues

\*\* Legume dry .... Dry legume foliage/Lucerne Hay

## Project outlay

### I. Capital investment

A - FIXED	SHED	1,48,800	<b>2,98,800</b>
	OPEN PADDOCK	50,000	
	CHAFF CUTTER	30,000	
	ROOMS (2)	50,000	
	Misc	20,000	
B – RECURRING FOR FIRST 4 MONTHS	ANIMAL COST 4 batches	5,28,000	<b>7,54,120</b>
	WORKING CAPITAL for 4 months (Feeding cost, Labour, Misc )	2,26,120	
	<b>TOTAL</b>		

### II. Net income per batch

- ✚ Income is generated from 5<sup>th</sup> month onwards **regularly** every month.
- ✚ Expected net income is **Rs 63,104** on each batch
- ✚ If can sell one batch per month, then “**per batch net income**” shall be “**per month net Income**”

### Details of Capital investment

#### A.Fixed

- a) **Low cost shed construction ( 99 ft L X 17 ft W )**
- |   |  |   |
|---|--|---|
| (i)   | @ 6 Sft floor space / lamb / 33 lambs per batch ...<br>each compartment X 4 compartments | @ 198 Sft ( 33 L X 6 W )<br>792 Sft<br><i>(Includes feeder space)</i> |
| (ii)  | Passage (5 x 60)   | 300 Sft   |
| (iii)   | Compartment for Sick & Weak  | 198 Sft   |
| (iv)  | Compartment for read to sale batch   | 198 Sft   |
| <b>b) Total shed area ( 792 + 300+ 198 +198 )</b>     |  | <b>1488 Sft</b>   |
| <b>c) Est. Construction cost of shed @ Rs 100 Sft</b> |  | <b>Rs 1,48,800</b>  |

d) Open paddock	Rs 50,000
e) One Hammer mill / Chaff cutter	Rs 30,000
f) Water, electricity etc	Rs 20,000
g) One labor room 10x10 @ 250/sft	Rs 25,000
h) One store room 10x10 @ 250/sft	Rs 25,000
<b>TOTAL</b>	<b>Rs 2,98,800</b>

## B.Recurring

### a. Procurement Cost of Ram lambs

@ Rs 4000 / lamb of 10 kgs live weight)  
each batch cost 1,32,000 X 4 Batches (33 lambs/Batch) **Rs 5,28,000**

### b. Working Capital for 4 months

- TMR cost @ Rs 13.00 /kg TMR  
10 batches x (4 months) 36 kgs /lamb x 33 Ram lambs x 13.00 Rs 1,54,440
- Labour @ 10000/- per month for 4 months Rs 40,000
- Miscellaneous (Medicines, water, electricity etc)  
@ Rs 2/day/lamb/4 months  
(10 batches X 4 months X 33 x Rs 2) Rs 31,680

**TOTAL** **Rs 2,26,120**  
**GRAND TOTAL RECURRING (a+b) Rs 7,54, 120**

**Total project outlay Rs 10,52,920**

## Shed design (Not to scale)

Open Paddock ( 33 X 15)	Open Paddock ( 33 X 15)	Open Paddock ( 33 X 15)
1 <sup>st</sup> compartment ( 198 Sft) ( 33 X 5) + (33X1)	2 <sup>nd</sup> compartment ( 198 Sft) ( 33 X 5) + (33X1)	Compartment for sick & weak ( 33 X 5) + (33X1)
Feeder ( 1 ft W)		
<b>Passage 5' feet</b>		
Feeder ( 1 ft W)		
3 rd compartment ( 198 Sft) ( 33 X 5) + (33X1)	4th compartment ( 198 Sft) ( 33 X 5) + (33X1)	compartment for <b>ready to Sale</b> batch ( 33 X 5) + (33X1)
Open Paddock ( 33 X 15)	Open Paddock ( 33 X 15)	Open Paddock ( 33 X 15)

## Batch wise expenditure - Income details

### 1. Expenditure

- Cost of the animals @Rs 4000 x 33 Ram lambs Rs 1,32,000
- Total feeding cost **per Batch**  
33 animals x 144 kgs (1.2 kgs per day X 120 Days) @ 13.00/Kg Rs 61,776
- Other expenditure per Batch
  - a) Labour @ 10000 Rs 10000
  - b) Medicines and miscellaneous  
@ Rs 2/lamb X (33 lambs x 120 Days) Rs 7,920

**TOTAL Rs 2,11,696**

### 2. Gross income

- Sale cost of the animals after fattening for 4 months ( 28 kgs live weight)  
@ Rs 325/- kg live weight Rs 9,100.
- No of animals sold per batch **30 lambs /month**  
(after natural mortality i.e, 3 per batch)
- Total sale cost of 1 batch of 30 animals @ Rs 9800 Rs 2,73,000
- Other income by sale of manure  
@ Rs 0.50/Lamb/day per batch (30 Ram lambs ) Rs 1800

**TOTAL Rs 2,74,800**

**3. Net income on each batch Rs 63,104**

Note : Profit potential depends on following factors .....

- + Purchase cost of Ram lambs
- + Mortality
- + Feeding cost
- + FCR
- + Voluntary Dry matter intake
- + Average daily gain
- + Sale cost



## Composition of concentrate feed

Sl #	Ingredient		No of parts
1	<b>GRAIN</b>	Maize / Jowar Grains	50
2	<b>BRAN</b>	Rice Bran / Wheat Bran	20
3	<b>BROKEN PULSE</b>	Broken Green gram	10
4	<b>DEOILED CAKE</b>	GN cake / Soya Cake	20
5	Min.Mix		1
6	Salt		1

### Preventive health care

Immediately after procuring lambs	Deworming is to be done	3 days after Deworming give a. ET vaccination b. HS vaccination c. PPR Vaccination  There should be a gap of 14 days between each vaccination
From 2 <sup>nd</sup> day after deworming	Liver tonic +Oral calcium for 7 to 10 days	
Deworming should be done <b>every two months</b> till sale for slaughter		
Multivitamin Syrup orally 5 ml twice a week till sale		



