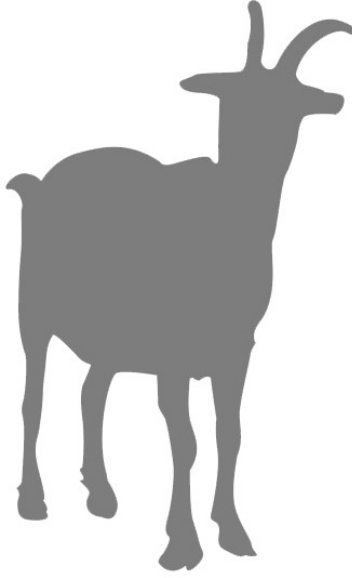


**Detailed Project Report**  
**on 100 + 5 Goats Breeding Unit**



Applicant
<p>Shri Ravi Shesherao Warange</p> <p>S/O Shesherao Warange</p> <p>At. Fulsawangi</p> <p>Tq Mahagoan</p> <p>District. Yavtmal Maharashtra- 445230</p>

for financial assistance under **National Livestock Mission**  
**for establishment of Entrepreneur**  
for breed development in small ruminant sector

**(Goat farming )**

Dr. D. S. Pawar  
(Regi.No:-MSVC-7959)  
Livestock Development Officer (Ext)  
Panchayat Samiti, Mahagaon

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- Sheep & Goat farming is an age old profession practiced all over India.
- Sheep & Goats are reared majorly for **meat purpose** only.
- Sheep & Goats are **second major meat sources** for Indians.
- They contribute 22.7 % share to total meat production of India. ( 2020 )
- **Present status :**
  - ✓ Sheep & Goat farming is an important livelihood activity of a large percentage of small and marginal farmers and landless labourers.
  - ✓ But, it has community profession existence
  - ✓ As per **20<sup>th</sup> livestock census ( 2019 )** India has 75 million sheep & 149 million Goats. Still, there is lot of **gap between demand and supply** which is clearly indicated by the **increasing meat prices** year by year without any fluctuation.
- **Future prospective :** The present gap between demand and supplies will increase further because of increasing Non-Vegetarian's percentage in India. Because of religious and legal restrictions, there is **no alternate meat source also** for Indians other than Chicken & meat from Sheep and goats
- **National Livestock Mission :** Considering the future prospective and strengths of the sector ie Increasing demand for meat, Non availability of alternate meat source & Local marketing, the applicant wants to utilise the opportunity and to establish as an entrepreneur by utilising the encouragement offered in the shape of subsidies by Govt.of India under **National Livestock Mission**.
- **Experience:** Applicant and his elder family members are well educated and experienced in Agriculture and allied sectors particularly in sheep & Goat farming.
- **Breed :** Meat breeds will be reared
- **Farming system :** It is proposed to rear Goats under Zerograzing where in the productivity can be to its full genetic potential of breed as the feeding will be **balanced**.
- **Income from farming :**
  - ✓ Sale of **Kids** born out of breeding unit for meat purpose is major /Primary income source
  - ✓ Sheep & Goat provides **manure** also which is considered as minor /secondary income source
- **Veterinary services :**
  - ✓ Wide network of Veterinary Hospital services are available in the state and also in and around farming area.
  - ✓ Vaccines which are produced by V &AH Dept., are supplied on free cost which helps new entrepreneurs in preventing infectious diseases also.
- **Farming area :** The area where farming is proposed is well suited for farming.
  - ✓ It is well connected with road
  - ✓ Have plenty of drinking and irrigation water availability
  - ✓ Power supply
  - ✓ Required number of skilled labour also available
  - ✓ Local marketing facility for sale of Kids is available

**Advantages of farming : It is the only livestock sector with**

1. no marketing problem
2. Increasing sale prices with no fluctuation
3. no MSP is demanded so far

**S - W - O - T Analysis of the sector**

<p><b>Strengths</b></p>	<ul style="list-style-type: none"> <li>• High genetic merit indigenous breed availability</li> <li>• Wide customer base</li> <li>• No religious /regional /seasonal taboo</li> <li>• Local marketing</li> <li>• Increasing demand</li> <li>• No alternate meat source</li> <li>• Shrinking traditional farming</li> <li>• <b>Short Unit-gestation # Quick returns le Mating to marketing is less than one year</b></li> <li>• <b>GoI is promoting Entrepreneurship Sheep &amp; Goat farming under NLM</b></li> </ul>
<p><b>Weakness</b></p>	<ul style="list-style-type: none"> <li>• Primitive Social adoptability</li> <li>• Non availability of Skilled labour</li> <li>• Un-organized supply &amp; sales</li> <li>• Less availability of Pure breeds</li> <li>• Weak AH extension &amp; trainings</li> <li>• Absence of public – Private partnership</li> </ul>
<p><b>Opportunities</b></p>	<ul style="list-style-type: none"> <li>• Zero grazing/ Scientific farming methods technology</li> <li>• Availability of advanced breeding technology</li> <li>• Breed conservation opportunities</li> <li>• Availability of crop residues</li> <li>• Untapped potential of Value added products</li> <li>• GoI is providing huge subsidies for new entrepreneurs</li> </ul>
<p><b>Threats</b></p>	<ul style="list-style-type: none"> <li>• <b>Main competitor_ # Zero input traditional farmer</b></li> <li>• <b>Non availability of</b> <ol style="list-style-type: none"> <li>1. Area specific feed formulations</li> <li>2. Ready to use balanced dry feed ( TMR)</li> <li>3. Timely Health services</li> <li>4. Social security</li> </ol> </li> </ul>

## Certain terms commonly used in **Goat** farming

<b>Goat related terms</b>	Goats	All Goats of both sex and of all ages Goat # Single Goat Goats # More than one Goat
	Goat flock/Herd	Group of flock
	<b>Doe / Nanny</b>	Female adult Goat
	<b>Buck / Billy</b>	Male adult Goat
	Kids	Young of both sexes
	Doeling	Young female 0 - 9 months
	Buckling	Young Male 0 - 9 months
	Weaning	First 90 days after birth # Kept with mothers
	Weaned	Separated from mother
	Wether	Castrated male Goat
	Spent	Aged Goats # after 7- 8 years of age
	Slaughter age	6-9 months @ Should attain 24-30 Kgs weight
	<b>Act of delivery</b>	Kidding
	Act of mating	Serving
<b>Meat related terms</b>	Chevon	Meat of adult Goat
	Kid	Meat of Kids
<b>Feed &amp; Fodder related terms</b>	Feed	Food of Goats
	<b>Fodder</b>	All Plant material used as feed
	Concentrates	All seeds and their by-products used as feed
	Roughages	All fodders
	Legumes	Protein rich fodders
	Non-Legumes	Energy Rich fodders
	<b>Dry matter</b>	Feed minus Water

## Detailed Project Report on Goat Breeding Unit

Sl.no	Parameter	Details				
1	Species	Goats				
2	Breed	Osmanabadi ( Recognised Meat breed )				
3	Unit type	Breeding Unit				
4	Purpose	Meat production				
5	Unit size	100	Plus	5		
6	Male	5				
7	Female	100				
8	Age of procurement	Male	18-24 months age ( 2-4 teethed)			
		Female	12-18 months age ( 2 teethed )			
9	Type of farming	Zerograzing ( <b>Stall feeding</b> )				
10	Type of housing	Pucca & Ground level				
11	Land availability	Own	2 acres	Acres	Survey #	
		Lease		Acres	Survey #	
12	Feeding system	<b>TMR system</b>				
13	Fodder	Own clutivation	No of acres of fodder cultivation	2		
	Conc.Feed	<b>Self procuremnt and farm made</b>				
14	Floor space required in Sft & Shed size	Sft/Animal	Type of animal	No of animals		
		10	Female	100	1000 Sft	
		20	Males	5	100 Sft	
		6	Kids	100	600 Sft	
		Sick shed 10 % of female shed area			100 Sft	
<b>Total</b>			<b>1800</b>	<b>Sft</b>		
15	Open paddock Double the area of shaded area ( min )				<b>3600</b> Sft	
16	Other structures	Labour Room	No of labour	Area per each labour room		
			1	150	150 Sft	
		Chaffcutter room - cum -Puveriser Room			200	Sft
		Mini Silage baler Room			0	Sft
		Store Room			100	Sft
		Delivery Room			100	Sft
		Quarantine Room			100	Sft
Feed store Room			200	Sft		
17	Total Land required for Sheds + Open paddock + Other structures ( Sft )				<b>6250</b> Sft	
					<b>694</b> S.yards	
18	Labour required Pair	1				
19	Vety services	from local Veterinary Hospital as and when required				
20	Unit gestation period	12 months				

21	All females concieved within first one month after arriving in farm & few may be already carrying early pregnancy at procurement time	
22	Pregnancy period	5 months
23	first Kidding month at farm	6 th month
24	<b>Breeding cycle length</b>	<b>8 months</b>
25	Kids born per Kidding from each Doe	1 or 2
26	Male : female ratio of new born	equal @ 1 : 1
27	Replacement of adult male	Once in 24-30 months
		Purchased from out side
28	Replacement of culled females	<b>Made with farm born kids</b>
29	Birth weight of Kids	7 % of mothers weight
30	first sale month after start of farm	12 th month

## Variable Techno - Economical parameters

1	Body weight of females ( Approx )	Kgs		32	
2	Purchase cost of females	Rs /Kg		325	
3	Body weight of Males ( Approx )	Kgs		40	
4	Purchase cost of Males	Rs /Kg		350	
5	Cost of construction of Sheds	Rs/Sft		400	
6	Cost of construction of other civil works	Rs/Sft		200	
7	Cost of feeder	Rs/One		2500	
8	Cost of Waterers	Rs/One		500	
9	Chaff cutter	Rs		50000	
10	Pulveriser	Rs		50000	
11	Mini Silage baler	Rs		0	
12	Misc	Rs		150	
13	Labour cost	Rs/Pair		16000	
14	Transport Cost per animal	Rs		300	
15	Insurance cost per animal / Year			4%	
16	Mortality in Kids from birth to sale			4%	
17	Mortality in adults per breeding cycle			4%	
18	Culling of adult females per breeding cycle			5%	
19	Weight of culled females in kg			35	
20	Weight of replaced males in kg			45	
21	Sale price of Kids Rs/Kg			350	
22	Sale price of replaced males/kg			350	
23	Sale price of culled females/kg			300	
24	No of males replaced			5	
25	Manure production / Animal / Day in Kgs			0.6	
	Sale price of manure Rs/Per Kg			2	
26	Conception %			90%	
	Twinning %			80%	
	% of Kidding including Twinning %			170%	
	Births - Mortality - Availability for sales details			Male	female
	No of kids born			85	85
	Mortality of Kids 4 % of 45			3	3
	Replacement of culled females ( 5 % of 100 )			0	5
	Replacement of adult female mortality ( 4% of 100)			0	4
Kids available for sale in each cycle			<b>82</b>	<b>73</b>	
27	Birth weight of Kids Kgs			2.2	
28	ADG in Gms			130	
29	Total weight gain in 180 days ( kgs )			23.4	
30	Weight ( kg) at sale after 180 days			25.6	
31	<b>Estimated sale prices</b>	Per Kg	Weight in Kgs	Total sale price	
	a	Sale price of Kids	350	25.6	8974
	b	Sale price of culled females	300	35	10500
	c	Sale price of Replaced males	350	45	15750
	d	Sale price of manure per animal per day			1.20
Sale price of manure per unit per day				126.00	
32	Feed & Fodder cost on Drymatter basis	Cost of feed on Drymatter basis	Cost of Roughage	6.00	
			Adult feed	26.00	
			Creep feed	30.00	
			TMR	0.00	
		Estimated Feeding cost per day Rs	Adult Female		10.88
		Adult Male		13.60	
33	Estimated Feeding cost of Kids per day	Prewaning 15 - 45 days		1.08	
		Weaning 46 - 180 Days		1093.50	

### Beneficiary details & Farm location

<b>Firm Name</b>				
Beneficiary / Key promoter details	Name	Ravi Shesherao Warange		
	Father name	Shesherao Warange		
	DOB / Age	01/01/1995		
	Village	Fulsawangi		
	Taluka / ck	Mahagaon		
	District	Yavatmal		
	State	Maharashtra		
	Pin code	445230		
	Aadhaar	847448722264		
	PAN no	AFXPW2817F		
	Mobile	8379017722		
email	warangeravi@gmail.com			

Farm location	Survey Number	44/2	
	Village	Fulsawangi	
	Mandal/ Block	Mahagaon	
	District	Yavatmal	
	State	Maharashtra	
	Pin code	445230	

### Abstract of Project Cost

				% Share	
<b>a</b>	Cost of Animals	Female	1040000	<b>1110000</b>	48.38
		Male	70000		
<b>b</b>	Cost of Civil works	Animal sheds ( Housing )	720000	<b>890000</b>	38.79
<b>c</b>		Other civil structures	170000		
<b>d</b>	Farm equipment			<b>152500</b>	6.65
<b>e</b>	Other component	Transport cost		<b>31500</b>	1.37
<b>f</b>		Insurance cost ( 1st year)		<b>44400</b>	1.94
<b>g</b>	Miscellaneous			<b>15750</b>	0.69
<b>h</b>	Fodder cultivation			<b>50000</b>	2.18
<b>Total Project Cost</b>				<b>2294150</b>	100.00

### Means of finance

Subsidy 50 % of total project cost or max	1000000		1000000	43.59
<b>Non-Subsidy part</b>			<b>1294150</b>	56.41
<b>Total Project cost</b>			<b>2294150</b>	100.00

Non-Subsidy part	Bank Loan /Own investment		1294150	56.41
	Margin Money Beneficiary share ( Min 10 % )		1294150	56.41
<b>Total Non- subsidy part</b>			<b>1294150</b>	56.41

Projected Gross Income	Per Cycle		1491668
Projected Expenses	Per Cycle		699571
Projected Net Income	Per Cycle		<b>792097</b>

<b>Note</b>	Present Market Values are considered for preparing DPR		
	As per previous records the prices are increasing constantly by 5-10 % every year		
	<b>Net profits may vary from -10 to +10</b>		

Asset Value after 7 years	Animals cost ( Not less than procurement cost )	1110000
	Equipment & Infra structure	



## Component wise project cost details

### a Cost of Animals

Sex of Animal	Unit size	Approx. Body weight	Cost per Kg	Cost per each animal	Total cost	Total cost of all animals
Females	100	32	325	10400	1040000	<b>1110000</b>
Males	5	40	350	14000	70000	

### b Animal shed cost (Housing)

Type of shed	Shed area per each animal Sft	Total area Sft	Cost per Sft ( Rs )	Total construction cost of Animal sheds including open paddock ( Rs )
Adult female shed	10	1000	400	
Adult male shed	20	100		
Young stock shed	6	600		
Sick shed	1	100		
<b>Total</b>		<b>1800</b>		<b>720000</b>

### c Other Civil works

Type	Area in Sft		Cost/ Sft	Total cost
Labour Rooms @ 150 Sft each	1	150	200	<b>170000</b>
Chaffcutter Room		200	200	
Mini Silage baler Room		0	200	
Feed store Room		200	200	
Store Room		100	200	
Quarantine Room		100	200	
Delivery Room		100	200	
<b>Total</b>		<b>850</b>	<b>200</b>	

### d Farm equipment cost

Type of Equipment	Qty	Cost ( Rs )	Total cost
Feeders	10	2500	25000
Waterers ( Automatic )	5	500	2500
Refrigerator	1	25000	25000
Chaffcutter	1	50000	50000
Pulveriser	1	50000	50000
Silage baler	1	0	0
<b>Total</b>			<b>152500</b>

### e Transport cost

No of animals	Cost per each animal ( Rs )	Total
105	300	<b>31500</b>

### f Insurance cost

105	4% pa	<b>44400</b>
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### g Miscellaneous

Misc ( Castrator, Weighing scale, Tag applicator, Spade, Manure holder etc )	105	150	15750
<b>Total</b>			<b>15750</b>

### h Fodder cultivation cost

No of acres	Cultivation Cost per acre	Total cost
2	25000	<b>50000</b>

## Estimated Feeding cost, Labour cost & Miscellaneous expenditure

### a Estimated feeding cost

#### Per day feeding cost of breeder Doe's

Feed type		Avg Bwt of adult	Requirement			Cost per kg on DM basis	Tota cost per day ( Rs )	Cost per month/ Doe	Cost per breeding cycle/ Doe
			Dry/ Green	Per day requiremnt on Body weight basis	Per day requirement ( Kgs) on DM basis				
1	Roughage	32	Cultivated/Crop residue/ Silage	3.5%	1.12	6.00	6.72		
2	Concentrate feed		Home made	0.5%	0.16	26.00	4.16		
3	Dry-TMR		Farm made/ Outsourced	4.0%	1.28	0.00	0.00		
<b>Total feeding cost per day /female adult</b>							<b>10.88</b>	<b>326</b>	<b>2611</b>

#### Per day feeding cost of breeding Buck

Feed type		Avg Bwt of adult	Requirement			Cost per kg on DM basis	Tota cost per day ( Rs )	Cost per month /Buck	Cost per breeding cycle/ Buck
			Dry/ Green	Per day requiremnt on Body weight basis	Per day requirement ( Kgs) on DM basis				
1	Roughage	40	Cultivated/Crop residue/ Silage	3.5%	1.40	6.00	8.40		
2	Concentrate feed		Home made	0.5%	0.20	26.00	5.20		
3	Dry-TMR		Farm made/ Outsourced	4.0%	1.60	0.00	0.00		
<b>Total feeding cost per day /male adult</b>							<b>13.60</b>	<b>408</b>	<b>3264</b>

#### Per day feeding cost of Kids ( 45 th day to 180 days )

Feed type		Avg Bwt of kid	Requirement			Cost per kg on DM basis	Tota cost per day ( Rs )	Total cost for 135 days per each Kid
			Dry/ Green	Per day requiremnt on Body weight basis	Per day requirement ( Kgs) on DM basis			
1	Roughage	15	Cultivated/Crop residue/ Silage	4.0%	0.60	6.00	3.60	
2	Concentrate feed		Home made	1.0%	0.15	30.00	4.50	
3	Dry-TMR		Farm made/ Outsourced	5.0%	0.75	0.00	0.00	
<b>Total feeding cost per day /Kid</b>							<b>8.10</b>	<b>1094</b>

Average body weight of kid from 45th day to slaughter is considered as 15 kgs

### Creep feed # Feeding cost # Pre-Ruminant stage ( 15 - 45th day )

Feed type	Avg Bwt of Kid	Requirement			Cost per kg on DM basis	Tota cost per day ( Rs )	Total cost for 30 days per each Kid
		Dry/ Green	Per day requiremnt on Body weight basis	Per day requirement ( Kgs) on DM basis			
1 Concentrate feed	4	Home made dry	3.00%	0.001	30.00	0.04	1

### b Labour Expenditure

Type of staff	No	Salary per month /Person	Total salary per month	Total salary per breeding Cycle
Farm Labour ( Pair )	1	16000	16000	128000
Veterinary Assistant	0	0	0	0
Farm supervisor	0	0	0	0
		<b>Total</b>	<b>16000</b>	<b>128000</b>

### c Miscellaneous

Activity	Unit size	Per day cost / Animal	Per cycle/Unit	Per month / Unit
Health care	105	0.5	12600	1575
Water & Electricity		0.5	12600	1575
Miscellaneous		0.5	12600	1575
		<b>Total</b>	<b>37800</b>	<b>4725</b>

## Life span of Goats # 10-12 Years

Kid stage		Adult stage	
Pre-weaning	Weaned	Young	Old
0- 90 days Age	4 - 12 months Age	12 - 84 months Age	>84 months Age
	Sold for slaughter on attaining 24-30 Kgs weight @ at 6-9 months age	<div style="background-color: #ADD8E6; padding: 2px;">Reproductive Age</div> <div style="background-color: #FFFF00; padding: 2px;">Retained in farm for breeding</div>	Less productive or Unproductive Sold for slaughter

## Breeding Cycle length

Pregnancy period	Lactation days	Dry period days	Total length of Breeding Cycle
150 Days	45 - 60 Days	30- 45 Days	240 days or 8 months <div style="background-color: #FFFF00; padding: 2px;">( 3 Cycles in every 2 years )</div>

## Total number of breeding Cycles in life time # 9

@ from 18th month of age to 84 months of age

( Assumption : If first time conceived at 12 -13 months age )

Age of Doe ( Months )	No of Kiddings	No of Kids @ 2 Kids per Kidding	<ul style="list-style-type: none"> <li>Twining is common in small and medium sized goats</li> <li>As on every breeding cycle , culling is advised @ 5 % , the production / breeding cycle will be continued without any break</li> </ul>
18	1 st Kidding	2	
26	2 nd Kidding	2	
34	3 rd Kidding	2	
42	4 th Kidding	2	
50	5 th Kidding	2	
58	6 th Kidding	2	
66	7 th Kidding	2	
74	8 th Kidding	2	
82	9 th Kidding	2	
<div style="background-color: #00FFFF; padding: 5px;">Total Kiddings 9</div>		<div style="background-color: #FFFF00; padding: 5px;">Total Kids 18</div>	

**Flock flow Chart**

<b>Unit size</b>	Male	5	Kidding %	Kid mortality from brth to sale	Culling of Females per breeding Cycle	Adult mortality per breeding cycle	Buck replacement
	female	100					

	Parameter	Opening Stock	Months																			
			6	12	14	20	22	28	30	36	38	44	46	52	54	60	62	68	70	76	78	84
<b>Flock Size</b>																						
Flock size	Male	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	female	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

<b>Births - Mortality - Replacement of Culled females</b>																						
Kids Born	Male + Female	170																				
Mortality	Kids ( M+F )		7		7		7		7		7		7		7		7		7		7	
	Adults		4		4		4		4		4		4		4		4		4		4	
Replacement of Culled females with farmborn female Kids			5		5		5		5		5		5		5		5		5		5	

<b>Sales</b>																						
Kids sold	Male + Female		154		154		154		154		154		154		154		154		154		154	
Sale of Breeder Buck ( Replacement)							5					5				5				5		
Sale of culled females			5		5		5		5		5		5		5		5		5		5	

<b>Purchases</b>																						
Purchase of Breeder Buck							5						5						5			

## Gross Income - Expenditure - Net income statement

No of Kids sold per Breeding cycle	154
Sale cost of Kids	8974
Working capital / Cycle	

Sale price of culled females	10500
Sale price of replaced males	15750
Purchase cost of replaced males	14000

Sale cost of manure per cycle / adult Rs	288
No of adlts	105

Total animal cost	1110000
Feeding cost of Doe/Cycle	2611
Feeding cost of Buck/Cycle	3264

Insurance premium	4%
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Transport cost	300
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Feeding cost of Kids from 15 - 180 days	1095
No of Kids born	170

Sl.No	Parameter	Months											
		12	20	28	36	44	52	60	68	76	84		
<b>Gross income</b>													
1	Sale of Kids	1383791	1383791	1383791	1383791	1383791	1383791	1383791	1383791	1383791	1383791	1383791	13837908
2	Sale of Replaced Breeder Buck			78750			78750			78750			236250
3	Sale of Culled females	52500	52500	52500	52500	52500	52500	52500	52500	52500	52500	52500	525000
4	Sale of Manure	45360	30240	30240	30240	30240	30240	30240	30240	30240	30240	30240	317520
	<b>Total</b>	<b>1481650.8</b>	<b>1466530.8</b>	<b>1545280.8</b>	<b>1466530.8</b>	<b>1466531</b>	<b>1545280.8</b>	<b>1466530.8</b>	<b>1466530.8</b>	<b>1545280.8</b>	<b>1466530.8</b>	<b>14916678</b>	
<b>Expenditure</b>													
1	Feeding cost of Female adults	391680	261120	261120	261120	261120	261120	261120	261120	261120	261120	261120	2741760
2	Feeding cost of Male adults	24480	16320	16320	16320	16320	16320	16320	16320	16320	16320	16320	171360
3	Feeding cost of Kids	186079	186079	186079	186079	186079	186079	186079	186079	186079	186079	186079	1860786
4	Purchase of breeding Bucks			70000			70000			70000			210000
5	Insurance @ 4 % pa		29600	29600	29600	29600	29600	29600	29600	29600	29600	29600	266400
6	Transport cost of purcased breeding bucks			1500			1500			1500			4500
7	Misc ( Health care + Water & Electricity )	56700	37800	37800	37800	37800	37800	37800	37800	37800	37800	37800	396900
8	Labour	192000	128000	128000	128000	128000	128000	128000	128000	128000	128000	128000	1344000
	<b>Total</b>	<b>850939</b>	<b>658919</b>	<b>730419</b>	<b>658919</b>	<b>658919</b>	<b>730419</b>	<b>658919</b>	<b>658919</b>	<b>730419</b>	<b>658919</b>	<b>6995706</b>	
<b>Net income ( before loan repayment )</b>													
		<b>630712</b>	<b>807612</b>	<b>814862</b>	<b>807612</b>	<b>807612</b>	<b>814862</b>	<b>807612.2</b>	<b>807612</b>	<b>814862</b>	<b>807612.2</b>	<b>7920972</b>	

1. First sales is done in 12 th month. Thereafter sales considered every 8 months 2. Each breeding cycle length is 8 months

## Preventive Health Care ( PHC ) chart of Sheep & Goats

### Weaning period

Age	PHC activity	
0 day ( day of birth )	<ul style="list-style-type: none"> <li>✓ Warm bedding &amp; surroundings</li> <li>✓ Naval cord disinfection</li> <li>✓ Vit.A</li> <li>✓ TT inj</li> <li>✓ Sufficient Colostrum</li> </ul>	<ul style="list-style-type: none"> <li>○ Keep with mothers for 72 - 48 hours # So that can consume sufficient colostrum</li> <li>○ Offer sufficient Colostrum starting within first 15-30 minutes after birth</li> </ul>
2 nd - 7 th day	<ul style="list-style-type: none"> <li>• Oral Antibiotic Powder</li> <li>• Multi Vitamin syrup</li> </ul>	
From 15 th day	<ul style="list-style-type: none"> <li>✓ Creep feed</li> <li>✓ Tender legume leaves</li> </ul>	
At 1 month age	<ul style="list-style-type: none"> <li>• Multi Vitamin syrup</li> </ul>	
At 2 months age	<ul style="list-style-type: none"> <li>✓ Can start TMR</li> <li>✓ Deworming</li> <li>✓ HS &amp; ET Vaccination</li> </ul>	Deworming is need based activity @ follow the advice of local Veterinarian
At 3 months age	<ul style="list-style-type: none"> <li>• Weaned ( Separated from mother )</li> </ul>	

### A d u l t Sheep & Goats

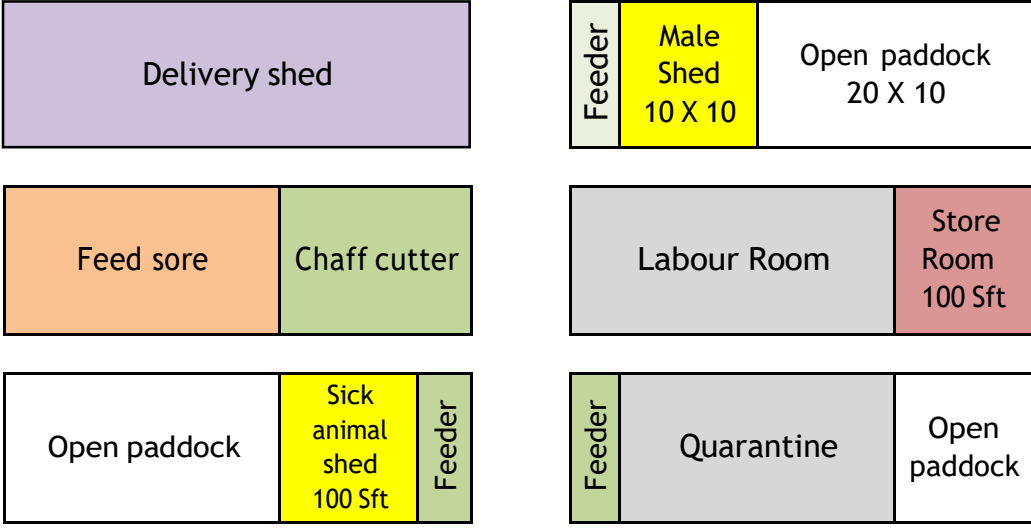
Month	PHC activity	
January	<ul style="list-style-type: none"> <li>▪ Deworming</li> <li>▪ PPR Vaccination</li> <li>▪ Pox Vaccination</li> </ul>	<ul style="list-style-type: none"> <li>▪ This is an indicative chart only</li> <li>▪ Always follow the advice of local Veterinarian</li> <li>▪ Deworming is need based activity @ follow the advice of local Veterinarian</li> <li>▪ Prioritisation of Vaccination depends on epidemic history of farming area</li> </ul> <p style="text-align: center; color: red; margin-top: 10px;"><b>Note</b></p> <p style="text-align: center; background-color: yellow; margin: 0;">There is no ideal chart which fits for all states</p>
March	<ul style="list-style-type: none"> <li>✓ TT Vaccination</li> <li>✓ Shearing &amp; Dipping ( If required )</li> </ul>	
April	<ul style="list-style-type: none"> <li>▪ Deworming</li> <li>▪ HS Vaccination</li> <li>▪ ET Vaccination</li> <li>▪ FMD</li> </ul>	
July	<ul style="list-style-type: none"> <li>▪ Deworming</li> <li>▪ BT Vaccination</li> </ul>	
September	<p style="text-align: center; color: magenta;">Shearing &amp; Dipping ( If required )</p>	
October	<ul style="list-style-type: none"> <li>▪ Deworming</li> <li>▪ ET Vaccination</li> <li>▪ HS Vaccination</li> <li>▪ FMD</li> </ul>	

# Model Shed design for 100 + 5 Unit

<b>Note</b>	Not to scale
	This is model design only
	as per local need shall make modifications and redesign



Open paddock 12 X 20	Shed 6 X 20	Feeder 1 ft Width	4 ft path way	Feeder 1 ft Width	Shed 10 X 20	Open paddock 20 X 20
Open paddock 12 X 20	Shed 6 X 20				Shed 10 X 20	Open paddock 20 X 20
Open paddock 12 X 20	Shed 6 X 20				Shed 10 X 20	Open paddock 20 X 20
Open paddock 12 X 20	Shed 6 X 20				Shed 10 X 20	Open paddock 20 X 20
Open paddock 12 X 20	Shed 6 X 20				Shed 10 X 20	Open paddock 20 X 20



Tota Shed area ( In Sft )	Adults	For Females	1000	Sft
		For Males	100	Sft
	For Lambs/ Kids		600	Sft
	For Sick		100	Sft
1800				

Other Civil structures ( Sft )	Labour Room
	Store Rom
	Feed store Room
	Chaff cutter Room
	Quarantine
	Delivery Room



