

MODEL GOAT REARING SCHEME**UNIT SIZE 27:3****BREED: BLACK BENGAL.****TECHNO-ECONOMIC PARAMETERS**

No. of female Goat (Doe) for the unit:-	27
No. of male Goat (Buck) for the unit:-	3
Cost of female Goat (Body wt.-Avg. 8 Kg, age-8-12 month) Rs/Goat with transportation cost:-	2100
Cost of male Goat (Body wt.Avg.10 Kg, age-15-18 month) Rs/Buck with transportation cost:-	3500
No. of pregnant Doe at a time:-	9
No. of kid per doe per Kidding:-	2
No. of kids available for sale per year excluding 10% mortality:-	48
Male & Female ratio:-	50%
No. of castrated male kid at 8 month age available for sale per year:-	24
No. of Female kid at 8 month age available for sale per year:-	19
Sale price of castrated male kid at 8 month age (Rs/Kid):-	4500
Saleable price of Female kid at 8 month age (Rs/Kid.)	2500
Total space requirement for Adult female Goat (@10 Sq.ft/Goat) in Sq.ft.-	270
Total space requirement for Buck Pen (@20 Sq.ft/Buck) in Sq.ft.-	60
Total space requirement for Kid cum Grower(@ 4 Sq.ft/Young) in Sq.ft.-	240
Total space requirement for cultivation of fodder (in Bigha):-	0
Total space requirement for Office cum feed Godown:-	0
So, total space requirement of the Unit for construction of shed etc. (in sq.ft):-	570
Cost of construction of the shed (Rs/Sq.ft):-	200
Requirement of concentrate feed for each female Goat (Gm/day):-	100
Requirement of concentrate feed for each Buck (Gm/day):-	200
Requirement of concentrate feed for growing kid on an avg. (Gm/day):-	50
Cost of concentrate feed with transportation (Rs/Kg):-	25
Cost of Farm Equipments (bucket, drinker, rope) Rs/adult animal:-	50
Cost of Farm Equipments (bucket, drinker, rope) Rs/young animal:-	30
Overhead cost (medicine,Vaccine,Electricity) Rs/adult animal/per month:-	50
Overhead cost (medicine,Vaccine,Electricity) Rs/young animal/ month:-	20
No. of Gunny bag available for sale per year:-	34
Cost of Gunny bag[60 Kg feed bag] (Rs./Bag):-	25
Part time labour cost (Rs/month):-	0
Replacement of female stock(20% on total female strenth) per year (No):-	5
Quantity of manure available for sale(Kg/Adult/day):-	0.5
Quantity of manure available for sale(Kg/young/day):-	0.25
Sale price of manure (Rs/Kg):-	0.25
Rate of Insurance Premium, tagging charges 5% + 18 % GST on value of animal	

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A] CAPITAL EXPENDITURE(Rs.)

1. Land:-	Own
2. Cost of construction of Goat Shed shed i.e-Buck,Kid & Doe pen with Office cum Godown (Rs):-	114000
3. Cost of 9 female Goat (Doe) in Rs:-	54000
4. Cost of 1 male Goat (Buck) in Rs:-	9000
5. Cost of transportation (Rs):-	1800
6. Cost of equipments for Adult Goats (Rs):-	1200
7. Cost of equipments for Growing Kids:- (Rs):-	1800
8. Water & Electrical installation L.S (in Rs.)	5400
12. Development of Land L.S (in Rs):-	0
TOTAL CAPITAL EXPENDITURE (Rs):-	187200

B] WORKING EXPENDITURE (for 2 Months):-

1. Feed cost for Female Goats for 60 days days (Rs):-	3726
2. Feed cost for male Goats(Buck) for 60 days (Rs):-	828
3. Cost of proportionate fodder production(Rs):-	4500
4. Overhead cost for Adults:-	0
5. Overhead cost for youngs (Rs):-	0
6. Overhead cost for youngs (Rs):-	0
7. Cost of Insurance premium for adults for 1 year (Rs):-	3965
9. Labour cost (Rs):-	0
TOTAL WORKING EXPENDITURE (Rs):-	13019

TOTAL PROJECT COST (Rs):-**200219****Or, Say (Rs):-****200000****ANNUAL INCOME & EXPENDITURE STATEMENT**

C] ANNUAL INCOME (Rs):-	
1. Sale of 36 nos,castrated male Goat at 8 month age having 12 Kg Bd.Wt(Rs):-	108000
2. Sale of Female Goat at 8 month age excluding replacement stock(Rs)	47500
3. Asset value of progeny female stock used as replacement stock (Rs):-	0
4. Sale of culled Doe(Rs):-	75000
4. Sale of manure from adult Goats (Rs):-	1369
5. Sale of manure from young Goats (Rs):-	810
6. Sale of Gunny Bag (Rs):-	850
7. Insurance claim on Kid mortality(Rs):-	4500
a) GROSS ANNUAL INCOME (Rs):-	238029
D] ANNUAL EXPENDITURE (Rs):-	
1. Cost of replacement stock of Doe or asset value of Doe (Rs):-	0
2. Feed cost for Female Goats or Doe (Rs):-	24638
3. Feed cost for Male Goats or Buck (Rs):-	5475
4. Feed cost for Kid or Youngs (Rs):-	21600
5. Cost of fodder production & cultivation (Rs):-	40000
6. Overhead cost for Adults (Rs):-	1500
7. Overhead cost for Youngs (Rs):-	1620
8. Cost of Insurance Premium for Adults (Rs):-	0
9. Cost of Insurance Premium for Youngs at 5 month age (Rs):-	6372
10. Labour Charges (Rs):-	0
GROSS ANNUAL EXPENDITURE (Rs):-	101205
GROSS ANNUAL PROFIT (Rs):-	136824

The scheme is technically feasible & economically viable.

[Signature]
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Block Livestock Development Officer
Sambal, Paschim Medinipur