

Model Project Report For 100+20 Rabbit Breeding Farm

A	Breeds available For Meat	New Zealand White, Soviet Chinchilla, Grey Giant, White Giant
B	Breeding age of animals	6-8 months
C	No of animals per unit	100+20
D	Breeding and rearing cycle	
	1. Ratio of males to females	1:5
	2. Pregnancy period	About 30 days
	3. Kindling percentage	80% i.e for every 100 does, 80 will be pregnant
	4. Average No. of young rabbits born per kindle	6
	5. No of kindlings in a year	4
	6. Female rabbit (doe) bred again	7 days after weaning
	7. No bunnies obtained	80 females x 6 bunnies x 4 kindlings- 1900
	8. Mortality in bunnies (30%)	560
	9. Young bunnies available	1900 – 560 = 1340
	10. Mortality in adults	5-10%
	11. Average adult body weight	3.0-3.5kg
	12. Average live weight of bunnies at 3 months	1 Kg
	13. Cage size	360 sq.inch (adult)
	14. Concentrate required	Buck 120 g/d Doe (dry + preg) 120g/d Weaner (6-12 w) 50 g/d
	15. Hay requirement	Buck 40 g/d Doe (lact) 40 g/d Weaner (6-12 w) 30 g/d
	16. Meat yield	Young rabbit (12-24 w) 1.kg Above 24 w 1.5 kg
	17. Cost of meat	Rs 120/kg
	18. Manure income	Rs 2/- per animal

Spread over of breeding and growth details					
Month	Parameter	I BATCH	II BATCH	III BATCH	IV BATCH
JAN	Breeding				
FEB	Kindling	Born, growth			
MAR	Breeding	growth			
APR	Kindling	Growth, sold	Born, growth		
MAY			Growth		
JUNE	Breeding		Growth, sold		
JULY	Kindling			born, growth	
AUG				Growth	
SEP	Breeding			growth, sold	
OCT	Kindling				born, growth
NOV					Growth
DEC					Growth, sold

Herd projection for a rabbit unit of (100 F+ 20M)				
	Adult		Young	
	Male	Female	Male	female
By purchase	20	100	0	0
By breeding			950	950
TOTAL	20	100	950	950
Mortality		10	280	280
Sale of animal		20	670	670
Balance at the end	20	70	0	

Capital expenditure

A) Shed and cages	
1. Cost of construction one shed kacha 12'X30' (120 cagesXRrs.100)	28,800: 00 12,000:00
2. Cost of construction one shed kacha 12'X30'	28,800: 00
3. All wire cages (180)X Rs 55 11/2 X11/2' for growers	9,900: 00
B) Daily use article Buckets ,wire brushes,blow lamps,feeders Waterers/nestboxes etc.	3,500:00
Total A+ B	83,000.00
C) Cost of broiler rabbits (100 F+ 20 M adults)@ Rs 300 each	3,6000 : 00

Total A+ B+ C
1,19,000.00

Recurring expenditure

(12 months for initial stock and 2 months for young)

a) Feed cost for adults 120 x 0.12 x 365 (52.56 q x 750)	39420.00
b) Feed cost for young 1340 X 0.05 X 60 days (40.20 x 750)	30150.00
c) Hay cost lump sum	10000.00
d) Miscellaneous expenditure	20000.00

Total **99570.00**

Income for the first year

Sale of meat 1340 kg from 1340 young of 12 weeks old @ 120/kg	160800.00
Sale of 1340 rabbit skins @ Rs 80 each	107200.00
Sale of manure 12 kg/per adult /yr Rs 02/- kg	2880.00
Sale of manure 1340x Rs 1/-	1340.00

Total
2,72,222.00

Cost of production

Recurring expenditure for I year	99570.00
Depreciation @ 10% on fixed amount	8300.00

Total **1,07,870.00**

Net profit for the I year

Income	2,72,222.00
Expenditure	1,07,870.00
Profit per animal	Rs. 80.5

Net income **1,64,352.00**

Non-Recurring expenditure **1,19,000.00**

Bank loan 75% **89250-00**

	Ist year	II Year	III year	IV year	V year
Principle	89250	71400	53550	35700	17850
Interest @ 14%	12495	9996	7497	4998	2499
Loan portion	17850	17850	17850	17850	17850
Total	30345	27846	25347	22848	20349
Total income per year	1,64,352.00	1,64,352.00	1,64,352.00	1,64,352.00	1,64,352.00
Net profit	1,34,007	1,36,506	1,39,005	1,41,504	1,44,003