

Bundelkhand Package

IInd Phase

ESTABLISHMENT OF GOAT UNITS

Introduction

Bundelkhand region, due to the geo-climatic conditions and land pattern; is favourable for goat husbandry. In 7 districts of the region, there are 1274814 goats and increasing trends are being observed in current census. Goats thrive well in dry and semi dry climate with bushes and thorny vegetation. Presently in the area, farmers rear goats for their livelihood. If goat husbandry would be transformed to intensive husbandry, there shall be more economic stability of farmers, more profit sharing and availability of running capital for future expansion. Keeping in view the above facts Goat Units shall be formed in the area in intensive way. Cluster approach shall be helpful in the development of related activity in the area like goat milk, meat and leather processing and marketing.

- There are 410 Nyay Panchayat in these seven districts and 128 hospitals in the region.
- Units shall be established in cluster form.
- One unit constituting 05 goats and 01 buck of Jamunapari and Barbari breeds, shall be distributed to one beneficiary.
- Minimum 05 goat unit will be established in a village.

- All the units shall be established as cluster in selected single block or nearby next block in continuous manner.
- Beneficiary shall allow to procure feed from local market.
- Units shall be distributed to those farmers who already involved in goat husbandry.
- Beneficiary shall be selected by a Committee constituting local Veterinarian, local Livestock Extension Officer and Village Pradhan of the area. Women shall be given preference while selection of beneficiary.
- Beneficiary of first phase will not be selected.
- A register of beneficiaries shall be maintained by local Livestock Extension Officer, if not available then by local Veterinary hospital with details of beneficiaries including the breed of goat reared, Breeding and feeding status, deworming status, disease status, deaths, post mortem conducted, claim settlement and working status of the unit.
- Every Veterinary Officer, LEO shall compulsorily visit each unit once in a month and will record the finding and ensure corrective measures immediately.
- Programme shall be monitored and implemented by Chief Veterinary Officer of the District and Additional Director-II of the region.
- Details of the beneficiaries shall be displayed on the notice board of every veterinary hospital.
- Units shall be established in cluster form in a village or nearby village.

- Purchasing of goats & bucks for units to be established shall be made, from outside the Bundelkhand Region, as in the first phase of Bundelkhand Package.
- Approximately ten percent of unit cost, that is Rs. 3100.00 shall be taken as beneficiary share, while establishing the goat unit.

Procurement Procedure

Remodeling of goat procurement system is proposed for preventing occurrence of disease and minimizing such an eventuality as has happened in the first phase. The goats shall invariably be procured from PPR free areas, and goats vaccinated with PPR at least 30 days prior to procurement, certified by local veterinarians, shall only be procured. The concerned officials of the State from where goats shall be procured, shall be requested for insuring vaccination of goats with PPR before procurement.

Physical Targets

S.No.	Districts	No. of Blocks	No. of Vety. Hospital	No. of Unit in Four years
1	Jhansi	08	22	462
2	Jalaun	09	20	420
3	Lalitpur	06	19	399
4	Hamirpur	07	19	399
5	Chitrakoot	05	13	273
6	Banda	08	20	420
7	Mahoba	04	15	315
	Total	47	128	2688

Note: - Goat units shall be established in cluster farm preferably in one block or adjoining block for making continuity of the units.

Unit Cost Estimation

		Amount(In Rs.)
S. No.	Component	Amount
1.	Cost of 05 goats of improved breed (9-12 months of age) @ Rs. 4000.00	20000.00
2.	Cost of 01 buck of improved breed(Adult) @ Rs. 5000.00	5000.00
3.	Cost of insurance @ 11.63% per unit	2907.50
4.	Provision of Deworming, mineral and vitamin supplement, treatment, vaccination @ Rs. 100.00 per animal.	600.00
5.	The expenses including monitoring expenses, register and records @ Rs. 200.00 per unit.	200.00
6.	Feed cost for 3 months 250 gm per day per animal @ Rs. 17.00 per kg.	2295.00
Total		31002.50
As ACA Component		27902.50
As Beneficiary Contribution @10% of unit cast		3100.00

Financial Requirement (Year wise & Sector wise)

		(Amount in Rs.)							
S. No.	District	First Year (2013-14)				Second Year (2014-15)			
		Phy.	A.C.A @ Rs.27902.50	Beneficiary @ Rs. 3100.00	Total	Phy.	A.C.A @ Rs.27902.50	Beneficiary @ Rs. 3100.00	Total
1	Jhansi	110	3069275.00	341000.00	3410275.00	110	3069275.00	341000.00	3410275.00
2	Jalaun	100	2790250.00	310000.00	3100250.00	100	2790250.00	310000.00	3100250.00
3	Lalitpur	95	2650737.50	294500.00	2945238.00	95	2650737.50	294500.00	2945238.00
4	Hamirpur	95	2650737.50	294500.00	2945238.00	95	2650737.50	294500.00	2945238.00
5	Chitrakoot	65	1813662.50	201500.00	2015163.00	65	1813662.50	201500.00	2015163.00

6	Banda	100	2790250.00	310000.00	3100250.00	100	2790250.00	310000.00	3100250.00
7	Mahoba	75	2092687.5	232500.00	2325188.00	75	2092687.5	232500.00	2325188.00
Total		640	17857600.00	1984000.00	19841602.00	640	17857600.00	1984000.00	19841602.00

(Amount in Rs.)

S. No.	District	Third Year (2015-16)				Forth Year (2016-17)			
		Phy.	A.C.A	Beneficiary	Total	Phy.	A.C.A	Beneficiary	Total
			@ Rs.27902.50	@ Rs. 3100.00			@ Rs.27902.50	@ Rs. 3100.00	
1	Jhansi	110	3069275.00	341000.00	3410275.00	132	3683130.00	409200.00	4092330.00
2	Jalaun	100	2790250.00	310000.00	3100250.00	120	3348300.00	372000.00	3720300.00
3	Lalitpur	95	2650737.50	294500.00	2945238.00	114	3180885.00	353400.00	3534285.00
4	Hamirpur	95	2650737.50	294500.00	2945238.00	114	3180885.00	353400.00	3534285.00
5	Chitrakoot	65	1813662.50	201500.00	2015163.00	78	2176395.00	241800.00	2418195.00
6	Banda	100	2790250.00	310000.00	3100250.00	120	3348300.00	372000.00	3720300.00
7	Mahoba	75	2092687.50	232500.00	2325188.00	90	2511225.00	279000.00	2790225.00
Total		640	17857600.00	1984000.00	19841602.00	768	21429120.00	2380800.00	23809920.00

District & Year wise Requirement

(Amount in Rs.)

S. No.	District	Year 2013-14	Year 2014-15	Year 2015-16	Year 2016-17	Total
1	Jhansi	3410275.00	3410275.00	3410275.00	4092330.00	14323155.00
2	Jalaun	3100250.00	3100250.00	3100250.00	3720300.00	13021050.00
3	Lalitpur	2945238.00	2945238.00	2945238.00	3534285.00	12369999.00
4	Hamirpur	2945238.00	2945238.00	2945238.00	3534285.00	12369999.00
5	Chitrakoot	2015163.00	2015163.00	2015163.00	2418195.00	8463684.00
6	Banda	3100250.00	3100250.00	3100250.00	3720300.00	13021050.00

7	Mahoba	2325188.00	2325188.00	2325188.00	2790225.00	9765789.00
Total		19841602.00	19841602.00	19841602.00	23809920.00	83334726.00

Total Physical & Financial Detail

S. No.	District	Physical Target	Financial Requirement (Amount in Rs.)
1	Jhansi	462	14323155.00
2	Jalaun	420	13021050.00
3	Lalitpur	399	12369999.00
4	Hamirpur	399	12369999.00
5	Chitrakoot	273	8463684.00
6	Banda	420	13021050.00
7	Mahoba	315	9765789.00
Total		2688	83334726.00

District Wise Financial Requirement

(Amount in Rs.)

S.No.	Districts	Amount Required		Total Amount
		A.C.A	Beneficiary Share	
1	Jhansi	12890839.00	1432316.00	14323155.00
2	Jalaun	11718945.00	1302105.00	13021050.00
3	Lalitpur	11132999.00	1237000.00	12369999.00
4	Hamirpur	11132999.00	1237000.00	12369999.00
5	Chitrakoot	7617316.00	846368.00	8463684.00
6	Banda	11718945.00	1302105.00	13021050.00
7	Mahoba	8789210.00	976579.00	9765789.00
Total		75001253.00	8333473.00	83334726.00

Requirement in A.C.A- Rs. 75001253.00

Say as Rs. 750.01 lakh

(Rs. Seven Crore fifty Lakhs & one thousands only)

Impact

- Based on our present experience, During the first Phase of Bundelkhand Package about 2560 families have been directly benefited by creating self employment and assured livelihood .
- From first phase it is evident that 18736 new kids were produced in the units. In mean term as on average of 16 kg. of meat per adult goat, 299776 kg. of extra meat could be estimated with the Rs.300.00 per kg. , value of Rs.89932800.00 i.e. approximately Rs. 09.00 Crore . Apart from above skin is an extra addition.
- However, in live goat sale term, takings Rs. 3000.00 per goat as price, the value can be estimated as Rs. 5.62 Crore. In both the case estimated gain in physical and financial term is quite appreciable. This gain, as per the breeding capacity of goats, being more prolific breeder advances further geometrically.
- Due to the increase in the flock size the higher bargaining power of owner enhances good return and development of forward market linkages.
- Genetic improvement of local goat breed.
- Awareness on management Animal Husbandry practices for hire goatery production .

- There will be cluster rearing of 13440 goats, keeping in view two kidding in 18 months, there shall be availability of approximately 27 thousand kids in 18 months .
- With 13.50 thousand as male and average 16 kg goat meat from one adult buck, after one year there shall be extra availability of 2.16 lakh Kg goat meat. Keeping average prize of goat meat as Rs. 275.00 per kg there shall be gain of Rs 5.94 Crores annually after four year(gain based only on meat produced).
- Due to geometric progression of goat number, gains shall increase annually from first year on word.
- Appreciable gain from milk and skin shall be achieved.
- Apart from above, on di-minimis basis, there shall be profit of Rs. 1000.00 per unit per month. If projected 2688 units, there shall be total gain of Rs. 26.88 lakh to the beneficiaries every month(if only four month old kids are sold including manure from unit etc).

Distribution of Goat Unit -- as in Cluster Form

S. No.	District	No.of Blocks	First Year (2013-14)		Second Year (2014-15)	
			Name of Block	No. of Units	Name of Block	No. of Units
1	Jhansi	08	Moth	44	Babina	66
2	Jalaun	09	Dakor	40	Kadora	60
3	Lalitpur	06	Talbehat	38	Mahroni	57
4	Hamirpur	07	Maudaha	38	Sarila	57
5	Chitrakoot	05	Karbi	26	Manikpur	39
6	Banda	08	Mahuaa	40	Tindwari	60
7	Mahoba	04	Panwari	40	Charkhari	45
	Total	47		256		384

S. No.	District	No.of Blocks	Third Year (2015-16)		Fourth Year (2016-17)		Total no. of Units
			Name of Block	No. of Units	Name of Block	No. of Units	
1	Jhansi	08	Bamaur	110	Baragaon	110	330
2	Jalaun	09	Madhogarh	100	Konch	100	300
3	Lalitpur	06	Birdha	95	Jakhora	95	285
4	Hamirpur	07	Kurara	95	Sumerpur	95	285
5	Chitrakoot	05	Ramnager	65	Mau	65	195
6	Banda	08	Barokhar khurd	100	Nareni	100	300
7	Mahoba	04	Kabrai	75	Jaitpur	75	225
	Total	47		640		640	1920

Regarding the Technical Observations/Project appraisal from Dr. K.S. Ramachandra, Member (Technical Expert - A.H. & F), National Rainfed Area Authority, GOI, New Delhi

Observation -1

The activity of establishment of goat units was implemented during Phase-1 of the project. Continuation of this activity during Phase-II of the project has to be viewed based on the success or failure of this intervention. The present proposal does not indicate the outcome and impact of the activity implemented during Phase-I. Full justification for continuation of this activity needs to be provided.

Comments -

In the Ist phase of the project, it was targeted to establish 2560 goat units in the Bundelkhand Region with the district wise breakup as Jhansi-440 units, Jalaun-400 units, Lalitpur-380 units, Chitrakoot-260 units Banda-400 units, Hamirpur-380 units, Mahoba-300 units. The units were established accordingly.

As per general perspective and feed back from departmental officials and monitoring teams from other departments, it was found that schemes have wide acceptability in farmers and over all positive impact.

Further for accessing outcome of the scheme in terms of physical gain, local officials have collected the data regarding kidding and number of kids available with the beneficiaries/ farmers. As per report as on October 2013, district wise kidding and number of kids produced are as under:-

Sl. No.	District	No. of Kids
1	Jhansi	2935
2	Jalaun	3265
3	Lalitpur	2642
4	Chitrakoot	1360
5	Banda	5577
6	Hamirpur	1540
7	Mahoba	1417
TOTAL		18736

It is evident that 18736 new kids were produced in the units. In meat term as on average of 16 kg. of meat per adult goat, 299776 kg. of extra meat could be estimated. With Rs.300.00 per kg. price of meat, value of Rs.89932800.00 i.e. approximately Rs. 9.00 Crore gain is estimated. Apart from above skin is an extra addition.

However, in live goat sale term, takings Rs. 3000.00 per goat as price, the value can be estimated as Rs. 5.62 Crore. In both the case estimated gain in physical and financial term is quite appreciable. This gain, as per the breeding capacity of goats & being more prolific breeder, advances further geometrically.

Therefore, excepts few negatives like initial mortality(though economic losses were counteracted through insurance claims settlement and supplementing the units with new goats), the overall impact of scheme is overwhelming and extremely beneficial. The above impact analysis , extremely justifies the continuation of scheme in the IInd phase.

Observation -2

The targets for establishment of goat units set during Phase-1 have not been completed till date even though funds have been released fully. One of the reasons put forth Government of Uttar Pradesh for delay in achieving physical targets, the same cost norms have been indicated for purchase of goats during Phase-II also which needs clarification.

Comments -

Targets were achieved fully as indicated below:-

Sl. No.	District	Financial (Rs. In Lakh)		Physical		NO. of kids
		Target	Achievement (Expenditure)	Target	Achievement	
1	Jhansi	193.280	190.380	440	440	2935
2	Jalaun	175.720	172.707	400	400	3265
3	Lalitpur	166.930	166.284	380	380	2642
4	Chitrakoot	114.200	110.412	260	260	1360
5	Banda	175.720	174.894	400	400	5577
6	Hamirpur	166.930	163.717	380	380	1540
7	Mahoba	131.780	131.780	300	300	1417
TOTAL		1124.560	1110.174	2560	2560	18736

Observation -3

The details of physical and financial achievements, number of kids born from the units supplied during Phase-I, impact and outcomes may be provided in details.

Comments -

Details are indicated in comments given under observation (point-1 & 2).

Observation -4

A higher mortality in goats was reported during initial period of Phase-1. The preventive measures that will be adopted for non-recurrence of such an event during Phase-II may be provided.

Comments -

Remodeling of goat procurement system is proposed for preventing occurrence of such eventuality. The goats shall invariably be procured from PPR free areas. Goats

vaccinated with PPR at least 30 days prior to procurement, as certified by local veterinarians shall only be procured. The concerned officials of the State from where goats to be procured, shall be requested for ensuring vaccination of goats with PPR before procurement.

Observation -5

The proposed mechanism of purchasing goats and bucks for new units from already established old units, is not acceptable. The procurement of animal has essentially to be done from outside Bundelkhand district as followed in Phase-I

Comments -

The required modifications have been made regarding the procurement of animals from outside the Bundelkhand Region.

Observation -6

The breed of goat to be procured for establishment of goat units in Bundelkhand region. needs to be indicated.

Comments -

The Barbari breed of goat shall be procured and distributed in IIInd phase.

Observation -7

The provision of feed cost indicated in the proposal as beneficiary contribution may be factored into the total unit cost and subsequently 10% of the total unit cost can be worked out as the beneficiary share.

Comments -

Feed cost is factored into the total unit cost and as indicated 10% of the unit cost shall be considered as beneficiary share.

Observation -8

The feed cost calculated for 90 days in beneficiary contribution comes to Rs. 3217-50 per unit. Therefore, it needs to be re-examined.

Comments -

The given suggestion and modification have been made. Feed cost have been revised as Rs. 4207.50 and factored into the total unit cost.

Observation -9

Department of Animal Husbandry, Government of Uttar Pradesh may to depute a senior officer for discussion of other technical issues with N.R.A.A

Comments -

Dr. P.S. Gautam, Additional Director, Animal Husbandry Department, U.P. is nominated/deputed for further necessary action.

Observation-1

During Phase-I of the package Barbari breed of goats have been distributed to the beneficiaries. However, majority of the farmers/beneficiaries during field visit were of considered opinion that this particular breed is not well suited and, adaptable to Bundelkhand region. Further, there was a demand that instead of Barbari breed, Jamnapari breed of goats to be provided under the package since Jamnapari breed of goats will be more suitable to the local conditions. The Chief Veterinary Office and other officials of the department also corroborated this.

Observation-2

10 goat units were distributed to the beneficiaries during April, 2013 at Bansaurikhurd in Mahoba district. It was informed that out of the total 110 goats distributed 42 have already died and till date only 16 claim forms have been submitted. This indicates that a high mortality rate still persists in the goat units being established by the department.

Observation-3

The beneficiaries of the goat scheme and also other farmers of the region expressed that establishment of goat units with 10 female plus 1 male as presently followed is too large and unmanageable. It was a considered opinion that the size of goat units may be reduced to 5+1 and Jamnapari breed of goats be provided.

Observation-4

During the meeting at Hamirpur it was informed that 7 Mobile Veterinary Vans procured during Phase-I of the package have been not fully functional due to the problem of hiring drivers on contract. Non availability of proper and timely treatment of animals is likely to affect the proposed goat distribution also during Phase-II. It may be indicated as to how this issue would be addressed.

Observation-5

The proposed unit cost for goat distribution may be re-examined since even the local farmers expressed that with the present unit cost animals of desired quality are not available in the market.

