



उत्तराखण्ड सरकार

# उत्तराखण्ड भेड़ एवं ऊन विकास बोर्ड पशुपालन विभाग उत्तराखण्ड



05 Mobile Veterinary Van for Shepherds in Uttarakhand



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## पशुपालन विभाग उत्तराखण्ड



### Mission:

Integrated approach for the development of Sheep, Goat and Rabbit husbandry in Uttarakhand

### Objectives:

Improvement in health status of Sheep and Goat.

Improvement in germ plasm.

Introduction of new modern technique and practices.

Facilitating the sheep and goat farmers in improving livelihood.

Skill development





# उत्तराखण्ड भेड़ एवं ऊन विकास बोर्ड

## पशुपालन विभाग उत्तराखण्ड



### Present Status:

[Source: 19<sup>th</sup> Livestock Census, 2012, GOI]

#### Sheep

|                       |            |
|-----------------------|------------|
| State population 2012 | 3.69 lakhs |
| % change 2007-2012    | + 26.98%   |
| Percentage in country | 0.57%      |
| Exotic/crossbred      | 97793      |
| % change 2007-2012    | 11.71%     |

#### Goat

|                       |             |
|-----------------------|-------------|
| State population 2012 | 13.67 lakhs |
| % change 2007-2012    | + 2.40%     |
| Percentage in country | 1.01%       |

#### Rabbit

|                       |            |
|-----------------------|------------|
| State population 2012 | 0.06 lakhs |
| % change 2007-2012    | + 2.68%    |
| Percentage in country | 1.00%      |



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## पशुपालन विभाग उत्तराखण्ड



- The total sheep in the country is 65.06 million numbers in 2012, declined by about 9.07% from census of 2007.
- The Goat population has declined by 3.82% over the previous census and the total Goat in the country is 135.17 million numbers in 2012.

[Source: 19<sup>th</sup> Livestock Census, 2012, GOI]



# उत्तराखण्ड भेड़ एवं ऊन विकास बोर्ड

## पशुपालन विभाग उत्तराखण्ड



### Breeding Policy for Sheep and Goat:

By Gazette Notification 249/XV-1/2005 Dated 26<sup>th</sup> May 2005

1. One third of total sheep population of Uttarakhand are crossbred which has to be upgraded through crossbreeding with pure bred rams of Merino and Rambouillet breed.
2. For improvement in local pure bred Gaddi, Rampur bushair and Black sheep selective breeding shall be adopted through selected high quality rams.





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## पशुपालन विभाग उत्तराखण्ड



## Breeding Policy for Sheep, Goat and Rabbit:

By Gazette Notification 249/XV-1/2005 Dated 26<sup>th</sup> May 2005

3. Breeding Policy for Goat state that selective breeding will be done amongst local goat breeds. In plain region breeds will be upgrade by Crossbreeding with Barbari and Jamunapari breeds of goat. In hilly region mohair fibre should be encouraged by crossbreeding local goats with Angora bucks and to check inbreeding in germplasm at Govt. Angora Goat Breeding Farm Gwaldam Chamoli flocks would be replaced by new stock. In snowy and high altitude area of state Pashmina Goat Development and Breeding Programme shall be introduced.
4. In Rabbit breeding policy selective breeding is to be adopted amongst Angora German Rabbits. For Angora Rabbit Germ plasm has to be imported and to check inbreeding two male line and two female line pure line breeding shall be adopted.



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## पशुपालन विभाग उत्तराखण्ड



Households engaged in Sheep and Goat husbandry:

|             |             |                |
|-------------|-------------|----------------|
| Sheep 17032 | Goat 187707 | Total 2,04,739 |
|-------------|-------------|----------------|

Production 2014-15 :

|                      |   |                       |
|----------------------|---|-----------------------|
| Wool<br>4690 qtl.    | Avg. wool production<br>1.516 kg/sheep                    | Value<br>Rs. 2.11 cr  |
| Meat<br>109 lakh kg. | Avg. meat production<br>Sheep 15.64 kg.<br>Goat 14.99 kg. | Value<br>Rs.381.50 cr |



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## पशुपालन विभाग उत्तराखण्ड



### Wool Analysis :

| Wool Analysis of Govt Sheep breeding Farms  | Wool Analysis of Local Sheep breeders   |
|---|---|
| Avg. Dia. (micron) 22.00 – 28.00<br>Avg. length (cm) $\geq 6.00$<br>Avg. Medullation% $\geq 0.00$ | Avg. Dia (micron) 28.00 – 36.00<br>Avg. length (cm) $\leq 6.00$<br>Avg. Medullation% 0.00 – 17.00 |

[Source: Wool Analysis Lab. Deptt of AH, Uttarakhand]





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## पशुपालन विभाग उत्तराखण्ड



### Infrastructure:

| Govt. Sheep farms   | Govt. Goat farms                      | Govt. Rabbit farms                   |
|---|---------------------------------------|--------------------------------------|
| 11 sheep farms  | 03 Goat farms                         | 03 Rabbit farms                      |
| strength 2822<br>Male 564<br>Female 2258                                | strength 229<br>Male 37<br>Female 192 | strength 142<br>Male 73<br>Female 69 |
| Breeds:<br>Rambouillet, Russian<br>Merino, Kashmir Merino,<br>Crossbred | Breeds:<br>Angora, Barbari, Gaddi     | Breed:<br>Angora                     |



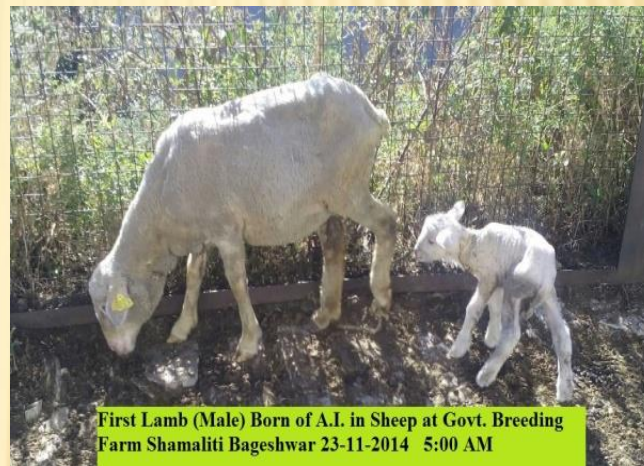
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## पशुपालन विभाग उत्तराखण्ड



AI in sheep:

Heat Synchronization and Artificial Insemination in sheep by liquid semen of elite Kashmir Merino Ram was successfully completed as a pilot project under IDSRR at Govt. Sheep Breeding Farm Shamaliti, Bageshwar





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## पशुपालन विभाग उत्तराखण्ड



Projection 2020:

| Increase in Wool Production | Increase in Meat production (Sheep and Goat) | Projected Economic Growth |
|-----------------------------|--|---------------------------|
| 4690 to 5000 qtl.           | 109 lakh kg. to 120 lakh kg.                 | Rs. 383 cr. to 400 cr.    |





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## पशुपालन विभाग उत्तराखण्ड



To Achieve projected Growth:

- Strategy and schemes adopted by board

### I. Facilities to farmers

- ✓ Ahilyabai Holkar Sheep and Goat Development Scheme
- ✓ Rastriya Kirshi Vikas Yojna (RKVY)- 5 Mobile Van on Migratory routes
- ✓ Sheep and Wool Improvement Scheme (SWIS), CWDB  
Ministry of Textiles, Govt. of India
- ✓ Integrated Livelihood Support Project (ILSP), IFAD

### II. Strengthening of farms/Infrastructure

### III. Identification and creation of Elite Germplasm

### IV. Biometric Registration of Farmers

### V. Data creation of best livestock availability with farmers and uploading to Website

# PROVIDING FACILITIES TO SHEPHERDS





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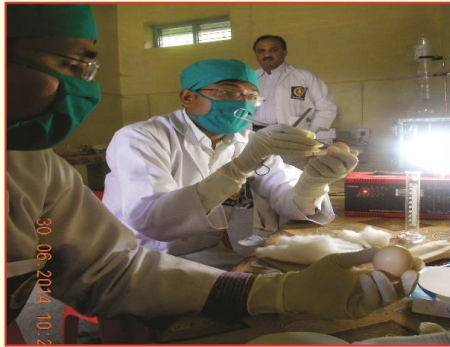
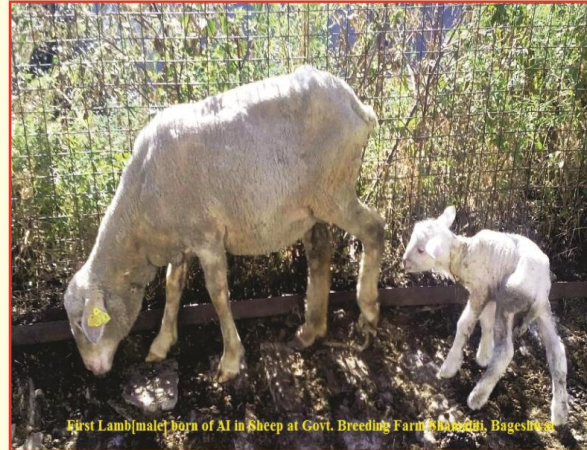


# PROVIDING FACILITIES TO SHEPHERDS





# उत्तराखण्ड भेड़ एवं ऊन विकास बोर्ड, पशुपालन विभाग उत्तराखण्ड



भेड़ों में कृत्रिम गर्भाधान की प्रथम सफलता  
राजकीय भेड़ प्रजनन प्रक्षेत्र शामालीती, बागेश्वर





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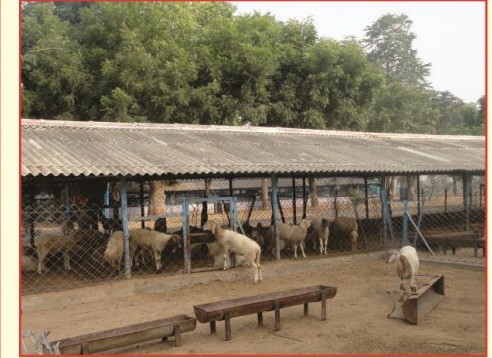
भारत सरकार की आई.डी.एस.आर.आर. योजना के अन्तर्गत  
भेड़ प्रदर्शनी एवं चिकित्सा कैम्प





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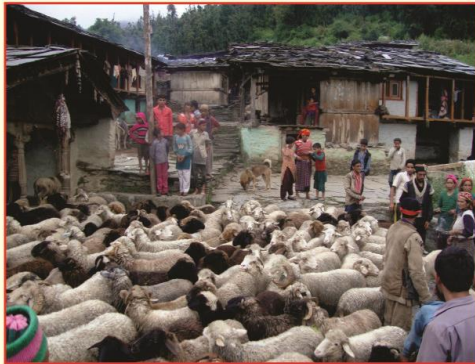
राष्ट्रीय कृषि विकास योजना (R.K.V.Y.) के अन्तर्गत भेड़ पालकों की एक्सपोजर विजिट  
केन्द्रीय भेड़ एवं ऊन अनुसंधान संस्थान, अविकानगर, राजस्थान





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मशीन द्वारा भेड़ों में ऊन कतरन शिविरों का आयोजन



# उत्तराखण्ड भेड़ एवं ऊन विकास बोर्ड

## पशुपालन विभाग उत्तराखण्ड



### Issues:

- Strengthening of Govt. Sheep/ Goat Breeding Farms
- Introduction of latest Technology and Equipments at Farms and Field
- Timely Purchase and Marketing of Farmer's produce





Thanks....