

Uttarakhand Sheep Breeding Policy 2022

Policy Statement	<p>1- Emphasis on development of dual purpose sheep breed for Wool and Mutton production.</p> <p>2- Characterization and conservation of the local breeds of the Sheep.</p>
Goal /Objective	<p>1- To improve/upgrade the Sheep for better Wool and Mutton production.</p> <p>2- Stabilization of inheritance level at 75% Exotic 25% local.</p> <p>3- To conserve the local Sheep breeds.</p> <p>4- Research for registration of native/ local breeds of Sheep and registration in ICAR-NBAGR</p>
Operational Strategy	<p>1- Introduction of exotic/new Sheep breeds in Sheep breeding farms of Uttarakhand.</p> <p>2- Introduction of Mutton purpose sheep breeds from adjoining areas of Uttarakhand state. Develop an organised Lamb meat unit/farm in Uttarakhand.</p> <p>3- Evolve breeding plans for breeding of Sheep for higher body weight gains and good quality wool. Efforts to introduce prolificacy (twinning) for horizontal growth.</p> <p>4- Stabilization of inheritance level (75% Exotic 25% local) by selective breeding with stress on Wool and Body weight gain attributes.</p> <p>5- Develop a crossbreeding strategy and S.O.P. to avoid indiscriminate and unplanned crossbreeding thereby preventing breed dilution of important local breeds.</p> <p>6- Distribution of high pedigree Rams and utilization of AI/ ET Technology.</p> <p>7- Ram Replacement- Replacement of nondescript rams of farmer by Merino/ CB Merino/Rambouillet rams.</p> <p>8- Replacement / Rotation of Rams every 2 years to minimise Inbreeding</p> <p>9- Establish a state-wide Sheep breeding data base for: -</p> <ul style="list-style-type: none"> ➤ Recording of data on all aspect of farm management (Breeding, Production and Management). ➤ Ranking of animals on genetic merit using advance biometrical and statistical tools. ➤ Association of progressive Sheep breeders with Uttarakhand Sheep and wool Development Board (USWDB) & Uttarakhand Sheep, Goat & Rabbit Co-operative Federation Ltd. (USGCF) schemes. <p>10- Strengthening & Modernization of Sheep breeding farms.</p> <ul style="list-style-type: none"> ➤ Production of quality breeding rams for distribution to the farmers. ➤ Modernization of farm infrastructure and data recording system. <p>11- Establishment of new Sheep breeding farms.</p> <p>12- In situ as well as ex-situ Conservation of Local sheep breeds.</p> <p>13- Align state resources (state and central programs and grants, Development departments, Farms and Universities) to meet the targets.</p> <p>14- Genetic conservation of local breeds.</p> <p>15- Scientific implementation of breeding programs.</p> <p>16- Revival and strengthening of the Stud Ram farms.</p> <p>17- Establishment of district wise Sheep breeding data base.</p> <p>18- Monitoring team for periodic appraisal of the policy.</p>

Upper Himalayan Regions (Above 2000 Mtrs.)		
Farming System	Breeding Strategy	Traits
Migratory/ Free Range/ Semi- Migratory/ Semi- Intensive	<ul style="list-style-type: none"> Upgradation of Native/ Local breeds of Sheep through Selective breeding and Cross breeding of non-descript sheep with Exotic sheep breeds. 	Adaptability, Fine Wool, Body weight, Disease resistance

Mid Himalayan Regions (between 1000 - 2000 Mtrs.)		
Farming System	Breeding Strategy	Traits
Migratory/ Free Range/ Semi- Migratory/ Semi- Intensive	<ul style="list-style-type: none"> Upgradation of Native/ Local breeds of Sheep through Selective breeding and Cross breeding of non-descript sheep with Exotic sheep breeds. 	Adaptability, Fine Wool, Meat, Body weight, Disease resistance
Intensive for commercial Sheep Farming	<ul style="list-style-type: none"> Exotic / CB Exotic through selective breeding and Nondescript through Cross breeding. 	Fine Wool, Body weight, Meat

Plain Regions (below 1000 Mtrs.)		
Farming System	Breeding Strategy	Traits
Semi- Migratory/ Semi- Intensive	<ul style="list-style-type: none"> Upgradation of Native/ Local breeds of Sheep through Selective breeding and Cross breeding of non-descript sheep with Exotic sheep breeds. 	Adaptability, Meat, Body weight, Disease resistance
Intensive for commercial Sheep Farming	<ul style="list-style-type: none"> Exotic / CB Exotic through selective breeding and Nondescript through Cross breeding. 	Meat, Fine Wool, Body weight

Note: Breeding in Sheep will also be done as per the demand of the farmer