

GOVERNMENT OF INDIA  
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING  
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING  
LOK SABHA  
UNSTARRED DAIRY NO. 1946  
TO BE ANSWERED ON 11th March, 2025

**BREED OF LIVESTOCK**

1946. SHRI AMRA RAM:

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

मत्स्यपालन, पशुपालन और डेयरी मंत्री

be pleased to state:

- (a) the steps taken by the Government for the development of animal husbandry and dairying;
- (b) the project for developing advanced breed of livestock in Rajasthan; and
- (c) the action plan for sheep, goat and camel rearing in Rajasthan?

ANSWER

**THE MINISTER OF STATE FOR FISHERIES, ANIMAL HUSBANDRY AND DAIRYING**

**(PROF. S.P. SINGH BAGHEL)**

(a) The development of animal husbandry and dairying is a state subject. The Department of Animal Husbandry & Dairying (DAHD), Government of India is implementing various Schemes like National Livestock Mission (NLM), Rashtriya Gokul Mission(RGM), Livestock Health and Disease Control(LH & DC), National Programme for Dairy Development (NPDD), Infrastructure Development Fund for promoting sustainable livestock development through Breed Improvement, Genetic Upgradation and breed conservation of cattle, buffalo, Rural poultry, Sheep, Goat, pig, Camel, donkey and Horse; Capacity Building and Farmer Training; feed and fodder development; development of processing infrastructure for dairy and meat; Animal feed plants, waste to wealth management, breed multiplication farms, veterinary drugs and vaccine infrastructure and dairy processing infrastructure as well. All these schemes are intended for supplementing efforts of the state governments and other eligible beneficiaries for sustainable animal husbandry.

(b) & (c) The Department of Animal Husbandry & Dairying (DAHD), Government of India has been implementing Rashtriya Gokul Mission and National Livestock mission under which the development of livestock breeds is under taken. The States are assisted under these schemes as per the scheme guidelines and their demand. The programs implemented under the schemes are as under:

(1) **Rashtriya Gokul Mission (RGM):** The following activities are implemented for development of cattle and buffalo breeds in the entire country including the State of Rajasthan.

(i) **Nationwide Artificial Insemination Program:** Under the Rashtriya Gokul Mission: the Department of Animal Husbandry and Dairying is expanding artificial insemination coverage to boost the milk production and productivity of bovines, including indigenous breeds. As on

date, 8.39 crore animals have been covered, with 12.34 crore artificial inseminations performed,

benefiting 5.21 crore farmers including 54.79 lakh animals covered, 70.46 lakh AI performed, and 39.03 lakh farmers benefited in Rajasthan

(ii) In order to produce high Genetic merit bulls of Indigenous breeds, the Department of Animal Husbandry and Dairying is implementing Progeny Testing and Pedigree Selection programme. Progeny testing is implemented for Gir, Sahiwal breeds of cattle, and Murrah, Mehsana breeds of buffaloes. Under the Pedigree selection programme Rathi, Tharparkar, Hariana, Kankrej breed of cattle and Jaffarabadi, Nili Ravi, Pandharpuri and Banni breed of buffalo are covered. So 4122 high genetic merit bulls have produced and inducted for semen production. Rajasthan is implementing progeny testing for Sahiwal breed of cattle and pedigree selection for Rathi and Tharparkar breed of cattle. This will enable the state to develop the advanced breed.

(iii) The Department of Animal Husbandry and Dairying has set up sex-sorted semen production facilities at five government semen stations situated in Gujarat, Madhya Pradesh, Tamil Nadu, Uttarakhand, and Uttar Pradesh. Additionally, three private semen stations are actively producing sex-sorted semen doses. These doses are available for major cattle breeds, including the Gir and Tharparkar breeds native to Rajasthan.

(iv) Accelerated Breed Improvement Programme using sex sorted semen: This program aims to produce female calves with up to 90% accuracy, thereby enhancing breed improvement and farmers' income. Farmers receive support for assured pregnancy upto 50% of the cost of sex sorted semen. Funds have been released to Rajasthan for implementation of the programme.

(v) Implementation of In-Vitro Fertilization (IVF) Technology: To propagate elite animals of indigenous breeds, the Department has established 22 IVF laboratories. This technology has important role in genetic upgradation of bovine population in single generation. Further, to deliver technology at reasonable rates to farmers the Government has launched indigenous IVF media. This technology is utilized for the rapid genetic upgradation of bovines and an incentive of Rs 5,000 per assured pregnancy is made available to farmers interested in taking up IVF technology.

(vi) Genomic Selection: To select High Genetic Merit (HGM) animals and to accelerate genetic improvement of cattle and buffaloes, the Department has developed unified genomic chips—Gau Chip for indigenous cattle and Mahish Chip for buffaloes—specifically designed for initiating genomic selection of high genetic animals in the country.

(vii) Multi-purpose Artificial Insemination Technicians in Rural India (MAITRIs): Under the scheme MAITRIs are trained and equipped to deliver quality Artificial Insemination services at farmers' doorstep. During the last 3 years 38,736 MAITRIs have been trained and equipped under Rashtriya Gokul Mission including 1316 MAITRIs established in Rajasthan.

(2) **National Livestock Mission (NLM):** National livestock Mission is implemented for development of Sheep, Goat, Poultry, Pig, Camel, Donkey Horse, Mule in India including in Rajasthan. The Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying is providing assistance to the States including the Government of Rajasthan as per their demand. For breed development of Sheep, Goat and Camel the following activities are implemented under National Livestock Mission:

(a) Sub-mission on Breed Development of Livestock and Poultry: This Sub-Mission has the following activities regarding breed development of sheep, goat and poultry:

(i) Establishment of Entrepreneur for breed development in small ruminant sector (sheep and goat farming):

The 50% capital subsidy up to ₹ 50.00 lakh is provided to individual, Self Help Group (SHG)/Farmers Producer Organizations (FPO)/Farmers Cooperatives (FCOs)/Joint Liability Groups (JLGs) and Section 8 companies to establish sheep and goat breeding unit with minimum 100 females and 10 males and maximum of 500 females and 25 males. Under this programme 125 projects have been approved with a project cost of ₹ 73.36 cr. and subsidy amount of ₹ 32.13 cr. sheep and goat farm.

(b) Genetic Improvement of Sheep and Goat breeds: Following activities are undertaken:

(i) Establishment of Regional Semen Production Laboratory and Semen Bank for sheep and goat: One-time grants-in-aid up to Rs. 400.00 lakh as Central Share are provided to the concerned State eligible for establishment of Regional Semen Station for sheep and goat.

(ii) Establishment of State Semen Bank: One-time assistance up to Rs. 10.00 lakh are provided to the state for strengthening of existing cattle and buffalo semen bank to store and distribute goat frozen semen.

(iii) Propagation of Artificial Insemination through existing Cattle and Buffalo Artificial Insemination centers: A one-time financial assistance of up to ₹7,000 is being provided for each Cattle Artificial Insemination (AI) Centre to procure essential equipment for upgrading them into Goat AI Centres. This initiative aims to support the propagation of goat frozen semen. For the financial year 2024-25, an allocation of ₹57 lakh has been sanctioned to the State of Rajasthan under the component Artificial Insemination in Goats.

(iv) Import of exotic sheep and goat germplasm: Assistance is provided to State Animal Husbandry department for need based import of sheep and goat germplasm to increase productivity of non-descript animals.

(c) (i) Establishment of Entrepreneurs for horse, donkey, mule and camel: The 50% capital subsidy upto ₹ 50.00 lakh is provided to individual, Self Help Group (SHG)/Farmers Producer Organizations (FPO)/Farmers Cooperatives (FCOs)/Joint Liability Groups (JLGs) and Section 8 companies. Entrepreneurship for camel has been newly introduced, and no application under the programme has been received.

(ii) Genetic Improvement of Horse, Donkey, Mule, Camel:

(a) Regional Semen Station for Horse, donkey and camel: One-time Grants in Aid up to ₹ 10 cr. is provided to the State Government for establishment of semen station for Indigenous horse, donkey, and camel,

(b) Nucleus Breeding Farm for Conservation of Horse/Donkey/Camel germplasm: One-time Grants-in-Aid up to ₹. 10 cr. is provided to the State Governments for establishment of Nucleus Breeding Farm for Horse, Camel, Donkey with elite animals in order to *in situ* and *ex-situ* conservation of animals.

(c) Breed Registration Society: 100% assistance is provided for the establishment of breed registration society for horse, camel and donkey.