

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
LOK SABHA
STARRED QUESTION No. *173
TO BE ANSWERED ON 3RD MARCH 2020

RASHTRIYA GOKUL MISSION

173. SHRI HEMANT TUKARAM GODSE:

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

मत्स्यपालन, पशुपालन और डेयरी मंत्री

be pleased to state:

- (a) the main objectives of the Rashtriya Gokul Mission (RGM) and the efforts made by the Government to achieve the same during the last three years;
- (b) the works done for the protection and promotion of indigenous breeds of cow under the RGM in the country during the last three years, State-wise;
- (c) the details of funds allocated and spent under this mission during the last three years;
- (d) the total number of Gokul Grams approved for Maharashtra under this Mission; and
- (e) whether the Government plans to increase the number of Gokul Grams under the Rashtriya Gokul Mission and if so, the details thereof?

ANSWER

THE MINISTER OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

(SHRI GIRIRAJ SINGH)

(a) to (e): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO. *173 RASHTRIYA GOKUL MISSION TO BE ANSWERED ON 3rd MARCH 2020.

(a) Rashtriya Gokul Mission is being implemented throughout the country with the following main objectives: (i) Development and conservation of indigenous bovine breeds and (ii) Enhancement of milk production and productivity of bovines. Efforts made by the Government to achieve these objectives are given at Annexure-I.

(b) The work done for protection and promotion of indigenous breeds of cow under Rashtriya Gokul Mission during the last three years State wise is given at Annexure-II.

(c) The details of the funds allocated and spent during the last three years is given in the following table:

(Rs. In crore)

Year	BE	RE	Actual Expenditure
2016-17	100	120	118.88
2017-18	190	190	187.73
2018-19	301.5	750.5	750.44
2019-20	302	270	259.96 (As on 27.02.2020)

(d) Funds have been sanctioned to Maharashtra for establishment of 3 Gokul Grams (Palghar, Pohara Amravati and Tathwade Pune) under Rashtriya Gokul Mission.

(e) No, Sir.

EFFORTS MADE UNDER RASHTRIYA GOKUL MISSION FOR DEVELOPMENT AND CONSERVATION OF INDIGENOUS BOVINE BREEDS

a) Conservation of Indigenous Bovine Breeds

i) Gokul Gram: 21 Integrated indigenous cattle development Centres – “Gokul Grams” have been sanctioned under the Rashtriya Gokul Mission with the aim of conservation and development of indigenous bovine breeds in a scientific and holistic manner.

ii) National Kamdhenu Breeding Centre: Two National Kamdhenu Breeding Centre (NKBC) as repository of indigenous germplasm of all indigenous breeds and supply certified germplasm to the farmers undertaking rearing of indigenous breeds and increasing their stock have been sanctioned.

iii) Pashu Sanjivni: Animals in milk are identified under the Pashu Sanjivni using poly urethane tags with 12 digit unique identification number and their data is uploaded on INAPH database. As on date 27.02.2020, 2.95 crore animals tagged and their data have been uploaded on INAPH data base.

b) Breed Improvement by Modern Reproductive Techniques

i) Establishment/strengthening of Embryo Transfer and In-Vitro Fertilization centres: Projects for strengthening/ establishment of 30 ETT/IVF labs have been sanctioned for propagation of elite animals of indigenous breeds and to meet demand of bulls of indigenous breeds. Out of 30 labs approved under the scheme 14 labs have been made functional.

ii) National Bovine Genomic Centre for Indigenous Breeds (NBGC-IB): Funds have been released to National Bureau of Animal Genetics Resources and National Dairy Development Board for development of genomic chip. A custom made genotyping chip (INDUSCHIP) which is suitable to genotype Indian cattle breeds and their crosses has been developed by National Dairy Development Board (NDDB) and till date 15,574 animals have been genotyped in order to create referral population. NDDB has developed buffchip for genomic selection of buffaloes and till date 4,320 buffaloes have been genotyped.

iii) Establishment of Facility for Sex Sorted Semen Production: Projects from 12 semen stations Gujarat, Haryana, Kerala, Karnataka, Madhya Pradesh, Maharashtra Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, Punjab and Himachal Pradesh have been sanctioned and Central Share has been released to 11 stations. The use of sex sorted semen will not only enhance milk production but also crucial in limiting population of male cattle/ stray cattle.

c) Genetic upgradation through traditional techniques:

i) Progeny Testing: Milk production is a sex limited trait therefore genetic potential of the bull is estimated by the performance of the daughters. The scientific breeding method for estimating predicted transmitting ability of bulls on daughters’ performance is termed as progeny testing. 14 Organised Progeny Testing Programmes (PTP) initiated under NDP-I have been subsumed under Rashtriya Gokul Mission since March 2019. During 2019-20 (upto December 2019), 291 progeny tested bulls produced under the programme

ii) Pedigree selection: Under the programme, male calves are selected on the basis of pedigree details and performance of dam, sire and other ancestors in the pedigree. The pedigree selection programmes initiated under NDP-I have been subsumed under RGM since March 2019. During 2019-20 (upto December 2019), 39 High Genetic Merit bulls produced under the programme.

d) Extension of Artificial Insemination Coverage:

i) Nationwide Artificial Insemination (AI) programme: Nationwide Artificial Insemination programme has been launched on 11th September 2019 for implementation in 605 districts with less than 50% Artificial Insemination coverage covering 300 villages per district and 20,000 animals per district. The programme is extended to all the districts of North eastern States and Union Territory Jammu and Kashmir. Under the programme 33.27 lakh animals covered and 16.77 lakh farmers got benefitted as on date 27.02.2020.

ii) Krishi Kalyan Abhiyan: Artificial Insemination Coverage (AI) with High Yielding Indigenous Breeds in the 112 aspirational districts identified by Niti Aayog has been implemented during 2018-19. Under the programme 9.05 lakh animals covered using semen of High genetic merit bulls of indigenous breeds.

e) Awareness Program:

i) National Gopal Ratna and Kamdhenu Awards: In order to create awareness and reward for farmers and Institutions who are engaged in scientific management of recognized Indigenous cattle breeds, National Gopal Ratna and National Kamdhenu Award have been instituted under Rashtriya Gokul Mission.

ii) E Pashu Haat Portal: E Pashu Haat portal has been developed for connecting breeders and farmers regarding availability of quality bovine germplasm of indigenous breeds. Information of 11.54 crores semen doses; 363 embryos and 18.13 lakh live animals are available on the portal as on date 27.2.2020.

Annexure-II

Details of the State wise Major work done and work in progress for protection and promotion of indigenous bovine breeds under Rashtriya Gokul Mission during the last three years

S N	Name of State	Gokul Grams	No of animal covered under NAIP	Establishment of ETT/IVF labs	Sex sorted semen production facility	Establishment of MAITRIs	No of animals identified using UID and data uploaded on INAPH data base (in No)
1	Andhra Pradesh	1	138790	2	-	310	2904756
2	Arunachal Pradesh	1	5	-	-	15	1909
3	Assam	-	12597	-	-	163	229829
4	Bihar	1	179861	2	-	1250	388009
5	Chhattisgarh	2	142142	1	-	400	102279
6	Delhi						2323
7	Dadara & Nagar Haveli			-	-		193
8	Daman & Diu			-	-		601
9	Goa	-	3004	-	-		
10	Gujarat	3	169465	1	1		5582879
11	Haryana	1	77378	1	1	250	558127
12	Himachal Pradesh	1	30114	1	1	650	85008
13	Jammu & Kashmir	-	113060	-	-		4439
14	Jharkhand	-	78945	-	-	975	72847
15	Karnataka	1	136409	-	1	245	4072592
16	Kerala	-		1	1	30	843384
17	Madhya Pradesh	1	376360	2	1	1296	3374594
18	Maharashtra	3	240039	3	1	176	2675923
19	Manipur	-	591	-	-	180	
20	Meghalaya	-	251	-	-	40	5596
21	Mizoram	-	362	-	-	10	1488
22	Nagaland	-	245	-	-	272	1170
23	Odisha	-	223544	-	-	413	576851
24	Punjab	1	114808	2	1		706868
25	Rajasthan	-	260141	-	-	175	2913416
26	Sikkim	-	2357	-	-	50	9957
27	Tamil Nadu	-	188225	2	1	960	1297854
28	Telangana	1	412926	1	1	259	1208416
29	Tripura	-	5433	-	-	150	
30	Uttar Pradesh	3	349480	2	1	500	1515377
31	Uttarakhand	1	70739	1	1	160	133055
32	West Bengal	-		1	-	768	193579
33	Central Cattle Breeding Farms			7			
	Total	21	3327271	30	12	9697	294463319

ETT/IVF: Embryo Transfer Technology and In Vitro Fertilization lab;
MAITRIs: Multipurpose Artificial Insemination Technician in Rural India;
INAPH: Information Network for Animal Productivity and Health