

GOVERNMENT OF INDIA  
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING  
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING  
LOK SABHA

UNSTARRED QUESTION NO. 2338  
TO BE ANSWERED ON 3<sup>RD</sup> DECEMBER 2019

**RASHTRIYA GOKUL MISSION**

2338. SHRI DEVJI M. PATEL: SHRI HIBI EDEN:

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

मत्स्यपालन, पशुपालन और डेयरी मंत्री

be pleased to state:

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

**ANSWER**

**THE MINISTER OF STATE FOR FISHERIES, ANIMAL HUSBANDRY AND DAIRYING  
(DR. SANJEEV KUMAR BALYAN)**

(a) & (b) Rashtriya Gokul Mission is being implemented with the objectives of development and conservation of indigenous bovine breeds, enhancement of milk production and productivity of bovines and thereby making milk production more remunerative to the farmers. The works done to achieve the objectives of the mission are as under:

- i) Gokul Gram: 21 Integrated indigenous cattle development Centres – “Gokul Grams”- are being established 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 are under establishment. Establishment of NKBC in Andhra Pradesh at Chintaladevi located in Nellore District has been completed and work is under progress for Northern Region NKBC in Madhya Pradesh.
- iii). Pashu Sanjivni: Animals are being identified under the Pashu Sanjivni using poly urethane tags with 12 digit unique identification number and their data is being uploaded on INAPH database. 3.55 crore animals have been tagged and their data have been uploaded on INAPH data base till 28.11.2019.
- iv). 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 10.91 crores semen doses; 363 embryos and 18.13 lakh live animals is available on the portal.
- v). 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.
- vi). Krishi Kalyan Abhiyan: AI coverage with High Yielding Indigenous Breeds: In the 112 aspirational districts identified by Niti Aayog. Under the programme 9.05 lakh artificial inseminations have been performed for protection of indigenous breeds.
- vii) Nationwide AI programme: Nationwide AI programme has been launched on 11<sup>th</sup> September 2019 for implementation in 600 districts with less than 50% Artificial Insemination coverage covering 100 villages per district 200 animals per village. During the programme from 15<sup>th</sup> September to 15<sup>th</sup> March 2020 about 1.2 crore animals will be covered, so far 3.55 lakh Artificial inseminations have been performed till 28.11.2019.
- viii). 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 to bulls of indigenous breeds. Out of 30 labs approved under the scheme 13 labs have been made functional. Centre of Excellence for Indigenous Breeds (CoEIB) are under establishment for providing training in ETT, IVF, Sex Sorted Semen production, Genomics and retraining of skilled manpower in latest developments in breeding technologies.

ix). 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 NDDDB and till date 10386 animals have been genotyped in order to create referral population.

x). 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 10 stations. The use sex sorted semen will not only enhance milk production but also crucial in limiting population of male cattle/ stray cattle.

The details of the Major work done and in progress State wise is at Annexure-I and achievements made under the scheme so far is given at Annexure-II.

(c) The details of the funds allocated and spent under the Rashtriya Gokul Mission during the last three years and current year is given in the following table:

Allocation and expenditure under Rashtriya Gokul Mission during last three years and current year

					Rs in crore
Year	2016-17	2017-18	2018-19	2019-20	Total
Allocation	119.5	190	750.5	302	1362
Expenditure	118.75	187.64	750.44	253.58*	1310.41

\*Expenditure made upto September 2019

(d) & (e) Funds have been sanctioned under the scheme for establishment of 21 Gokul Grams in the country. No proposal has been received from the State Government of Rajasthan for establishment of Gokul Gram or Embryo Transfer Technology/In Vitro Fertilization Labs.

**Annexure-I**

Statement referred to part (a) & (b) of the Lok Sabha UnStarred Question No. 2338 due for 3<sup>rd</sup> December 2019:

Details of the State wise Major work done and work in progress for protection and development of indigenous bovine breeds under Rashtriya Gokul Mission

S N	Name of State	Gokul Grams	Bull Mothor Farms	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	1	2	-	310	2069394
2	Arunachal Pradesh	1	-	-	-	15	1040
3	Assam	-	1	-	-	0	194656
4	Bihar	1	-	2	-	1250	294225
5	Chhattisgarh	2	1	1	-	400	67395
6	Dadara & Nagar Haveli			-	-	-	193
7	Daman & Diu			-	-	-	601
8	Goa	-	-	-	-	-	-
9	Gujarat	3	5	1	1	-	5383139
10	Haryana	1	1	1	1	250	536154
11	Himachal Pradesh	1	-	1	1	650	4880
12	Jammu & Kashmir	-	-	-	-	-	4438
13	Jharkhand	-	3	-	-	975	61917
14	Karnataka	1	3	-	1	245	3430566
15	Kerala	-	4	1	1	30	784517
16	Madhya Pradesh	1	-	2	1	1296	2734443
17	Maharashtra	3	-	3	2	176	2509580
18	Manipur	-	-	-	-	180	
19	Meghalaya	-	-	-	-	-	2772
20	Mizoram	-	-	-	-	10	978
21	Nagaland	-	-	-	-	272	1052
22	Odisha	-	-	-	-	413	110678
23	Punjab	1	1	2	1	-	3113
24	Rajasthan	-	-	-	-	175	523523
25	Sikkim	-	-	-	-	50	2574107
26	Tamil Nadu	-	2	2	1	850	9070
27	Telangana	1	-	1	1	259	1170275
28	Tripura	-	15	-	-	150	659549
29	Uttar Pradesh	3	-	2	1	500	1444028
30	Uttarakhand	1	2	1	1	160	126371
31	West Bengal	-	2	1	-	768	160586
32	Central Cattle Breeding Farms			7		-	
	<b>Total</b>	21	41	30	13	9384	24863240

Abbreviations:

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

Statement referred to part (a) & (b) of the Unstarred Lok Sabha Question No. 2338 due for 3<sup>rd</sup> December 2019

S. No.	Steps undertaken under Rashtriya Gokul Mission	Achievements
<b>I</b>	<b>Extension of AI coverage</b>	
1	Establishment of MAITRIs	9384
2	Strengthening of existing AIC	49,536
3	Training of existing AI workers	54,325
4	Krishi Kalyan Abhiyan	9.05 lakh AI performed
5	Nationwide AI programme	205.72 crores released for performing 1.2 crores animals covered leading to birth of high genetic merit 40 lakh calves. AI performed 3.55 lakh
<b>II</b>	<b>Genetic upgradation through traditional technique</b>	
6	High Genetic Bulls for AI	2,362
7	Field Performance Recording	84,375
<b>III</b>	<b>Modern Reproductive Technique</b>	
8	Establishment of ETT/IVF labs	30 (sanctioned); 13 functional
9	National Bovine Genomic Centre for Indigenous Breeds	2 ( NDDDB and NBAGR) Indus chip developed; 10326 animals genotyped
10	Sexed semen production facility	12 (Maharashtra; Uttar Pradesh; Tamil Nadu; Haryana ; Telangana; Gujarat; Madhya Pradesh; Kerala; Karnataka Uttarakhand, Punjab and Himachal Pradesh )
<b>III</b>	<b>Conservation of Indigenous Breeds</b>	
11	Establishment of Gokul Grams (sanctioned)	5 complete (16 work in progress )
12	Establishment of National Kamdhenu Breeding Centre	1 complete (at Nellore Chintaldevi)
13	Identification of animals in milk and issuing animal health card (as on date)	2.52 crore
<b>V</b>	<b>Awareness Programme</b>	
<b>14</b>	Gopal Ratna to farmers and Kamdhenu	22 ( 2017-18) 2018-19 62 (farmers, Institutes, AI technicians and veterinarians)