

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF ANIMAL HUSBANDRY, DAIRYING & FISHERIES
LOK SABHA
STARRED QUESTION NO.32
TO BE ANSWERED ON 19TH JULY, 2016

PROMOTION OF ANIMAL HUSBANDRY

*32. SHRI SUNIL KUMAR SINGH:
SHRI ANOOP MISHRA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि और कृषक कल्याण मंत्री
be pleased to state:

- (a) the population of milch cattle in various States of the country during the last three years and the current year, State-wise;
- (b) the details of the schemes implemented by the Government for the development of animal husbandry including promotion of breeding of milch cattle including cows and buffaloes in various States during the said period along with the funds allocated by the Government to various States for these schemes during last three years;
- (c) whether the Indian Council of Agricultural Research/other research institutes have developed new techniques for the animal husbandry sector, if so, the details of major initiatives taken thereof;
- (d) whether the Government is importing cows for increasing the production of milk in the country and if so, the details thereof; and
- (e) the various steps taken by the Government for the conservation and protection of indigenous livestock and to increase milk production in the country?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE
(SHRI RADHA MOHAN SINGH)

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

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO.32 parts (a) to (e) ON “PROMOTION OF ANIMAL HUSBANDRY” TO BE ANSWERED ON 19-07-2016

(a) The Livestock Census is conducted in every five years. The population of milch cattle in different States of the country during the last two censuses are enclosed at **Annexure-I**.

(b): In order to compliments and supplements the efforts made by the State Governments, the Government is implementing following schemes for development of Animal Husbandry including promotion of breeding of milch cattle including cows and buffaloes

- i) National Programme for Bovine Breeding & Dairy Development and
- ii) Rashtriya Gokul Mission.

The details of the funds released to the States under these schemes during each of the last three years are given at **Annexure-II**.

(c) ICAR-National Bureau of Animal Genetic Resources, Karnal has developed technologies for Parentage verification of indigenous cattle, buffalo, goat and camel species and a technology for DNA based differentiation of cow and buffalo milk. The ICAR-National Dairy Research Institute, Karnal has developed the following technologies:

- On the basis of survey conducted in Haryana, mineral mixture suitable for Haryana Region has been formulated
- Multi-trait evaluation methodology developed for selection and sire evaluation for higher productivity and fertility in Karan Fries (KF) cattle
- Multi-trait animal model developed for selection of Murrah buffaloes for higher fertility and milk production.

The ICAR-Central Institute for Research on Cattle, Meerut has developed the following technologies:

- Rapid user friendly single tube PCR (polymerase chain reaction) based tool for detection of bovine leukocyte adhesion deficiency (BLAD) carrier in cattle
- Colour based assay for differentiating cow vs goat milk

(d) Government is not importing cows for increasing the milk production in the country.

(e): Steps taken by the Government for conservation and protection of indigenous livestock and to increase milk production in the country are as under:

- i. Establishment of *Gokul Grams*.
- ii. Strengthening of bull mother farms.
- iii. Induction of bulls for natural service and Artificial Insemination.
- iv. Establishment of National Kamdhenu Breeding Centre as repository of germplasm of indigenous breeds.

Statement referred to in reply to part (a) of Lok Sabha Starred Question No. 32 for 19.07.2016

NUMBER OF MILCH ANIMALS

(In Thousands)

S. No.	State/U.T	18th Livestock Census-2007		19th Livestock Census-2012	
		Milch Cattle	Milch Buffaloes	Milch Cattle	Milch Buffaloes
1	Andaman & Nicobar Islands	15	3	16	2
2	Andhra Pradesh*	3061	6224	3082	5103
3	Arunachal Pradesh	96	1	112	1
4	Assam	2686	148	3073	137
5	Bihar	3826	2846	4521	3113
6	Chandigarh	4	12	5	9
7	Chhattisgarh	2418	316	2587	315
8	Dadra & N Haveli	11	1	8	1
9	Daman & Diu	1	0	1	0
10	Goa	24	16	23	15
11	Gujarat	2529	4390	3740	5079
12	Haryana	608	2704	755	2765
13	Himachal Pradesh	869	448	893	396
14	Jammu & Kashmir	1270	551	1147	396
15	Jharkhand	2214	412	2191	341
16	Karnataka	3915	2374	3933	1898
17	Kerala	793	13	637	9
18	Lakshadweep	2	0	1	0
19	Madhya Pradesh	6199	3980	6313	3912
20	Maharashtra	4907	3325	5091	3171
21	Manipur	98	16	79	17
22	Meghalaya	293	4	279	3
23	Mizoram	13	2	13	1
24	Nagaland	139	8	66	6
25	Nct Of Delhi	53	171	42	92
26	Odisha	2710	281	3083	224
27	Puducherry	40	2	30	1
28	Punjab	850	2779	1237	2689
29	Rajasthan	5028	5400	5867	6322
30	Sikkim	42	0	55	0
31	Tamil Nadu	4312	806	3997	378
32	Tripura	277	4	273	3
33	Uttar Pradesh	6328	10565	8255	13950
34	Uttarakhand	762	665	752	546
35	West Bengal	6059	174	5387	156
All India		62449	48642	67544	51054

* Including Telangana

Milch animals include animals in-milk and dry. 2. Totals may not tally due to rounding up of figures

'0' means negligible with respect to thousands/ not reported

Source: 18th & 19th Livestock Census, Department of Animal Husbandry, Dairying & Fisheries, M/O Agriculture & Farmers' Welfare

Statement referred to in reply to part (b) of Lok Sabha Starred Question No. 32 for 19.07.2016

I. State wise and Year-wise funds released under National Programme for Bovine Breeding

Rs in lakh

S. No.	State/Uts	National Project For Cattle &			National Programme		Total
		2011-12	2012-13	2013-14	2014-15	2015-16	
1	Andhra	1645.65	500.00	1411.53	600.00		4157.18
2	Arunachal	319.85	287.04	438.38		264.50	1309.77
3	Assam	728.21		875.10	200.00		1803.31
4	Bihar	300.00	1000.00			750.00	2050.00
5	Chattisgarh	600.00	451.91		1080.00		2131.91
6	Gujarat	700.00	500.00	500.00		873.22	2573.22
8	Haryana	1500.00	813.00		469.20		2782.20
9	Himachal	300.00	51.00	941.00	571.00		1863.00
10	Jammu &	400.00		500.00		175.00	1075.00
11	Jharkhand	800.00			500.00		1300.00
12	Karnataka	500.00		808.26		1160.00	2468.26
13	Kerala	800.00	400.82	469.85	1000.00	500.00	3170.67
14	Madhya	1000.00	688.06	1728.00	2400.40	1981.50	7797.96
15	Maharashtra	1000.00	706.18		100.00		1806.18
16	Manipur		153.58	424.00	650.00	534.02	1761.60
17	Meghalaya		414.00				414.00
18	Mizoram	189.45	105.00	206.32	250.00	177.95	928.72
19	Nagaland	417.49	157.56	451.10	648.30	475.10	2149.55
20	Orrisa	600.00		700.00	1106.00		2406.00
21	Punjab	300.00	1500.00			600.00	2400.00
22	Rajasthan	900.00			500.00		1400.00
23	Sikkim		113.65	149.40	500.00		763.05
24	Tamil Nadu	1150.00	1044.85	1000.00	2376.40		5571.25
25	Telangana		340.00	55.70	500.00		895.70
26	Tripura				551.00		551.00
26	Uttar Pradesh		1784.70	1000.00	1000.00	200.00	3984.70
27	Uttranchal	540.71			500.00		1040.71
28	West Bengal	500.00	386.17	1171.36	400.00	485.28	2942.81
	Total	15191.36	11397.52	12830.00	15902.30	8176.57	63497.75

*National Programme Breeding initiated as a component of National Programme for Bovine Breeding and Dairy Development during February 2014 for genetic upgradation of bovine population on priority basis. Funds also include funds released under Rashtriya Goukul Mission.

II. State wise and Year-wise funds released for establishment of National Kamdhenu Breeding Centre

Rs in lakh

S. No.	State/UTs	National Kamdhenu Breeding Centre (Indigenous Breeds)*2014-15
1	Andhra Pradesh	2500.00
2	Madhya Pradesh	2500.00
	Total	5000.00

*Scheme envisages establishment of two National Kamdhenu Breeding Centre one in northern region and in southern region of India.