

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
LOK SABHA
UNSTARRED QUESTION No. 3594
TO BE ANSWERED ON 10TH DECEMBER 2019

EMBRYO TRANSPLANT

3594. SHRI DUSHYANT SINGH::

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

मत्स्यपालन, पशुपालन और डेयरी मंत्री

be pleased to state:

- (a) the current coverage of artificial insemination across India, State-wise and for the districts of Jhalawar and Baran;
- (b) whether the Government is planning to promote usage of sex-sorted semen;
- (c) the number of districts which currently have the facility for usage of sex sorted semen;
- (d) whether the Government plans to take usage/coverage of artificial insemination to 100 per cent by 2025 and set up labs for embryo transplant;
- (e) if so, the details thereof and the roadmap for the target along with the number of doses of sex-sorted semen used till date, State-wise and list of labs currently operational and number of embryos transplanted till date;
- (f) the current production of fisheries and the target set for 2020-21;
- (g) whether the Government is aware about reports of overfishing of sharks in Indian Ocean; and
- (h) if so, the details thereof and the steps taken to check overfishing?

ANSWER

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

- (a) The current coverage of Artificial Insemination (A.I) across India is about 30%. The State-wise A.I coverage during the year 2018-19 is given at Annexure-I. The A.I coverage during 2018-19 in the Districts of Jhalawar and Baran was 9% and 6% respectively.

(b) and (c) Yes Sir. Government is promoting usage of sex sorted semen. As envisaged under the scheme , Rashtriya Gokul Mission (RGM) establishment of sex sorted semen facility has been approved at 12 A graded semen stations in Uttar Pradesh, Haryana, Punjab, Uttarakhand, Gujarat, Karnataka, Telangana, Kerala, Tamil Nadu, Madhya Pradesh, Maharashtra and Himachal Pradesh in the country.

(d) and (e) Yes Sir. To increase the A.I coverage in the country , Government has launched Nationwide Artificial Insemination programme (NAIP) in 600 districts having less than 50% A.I coverage covering 100 villages per district and 200 bovines per village. During the programme, 1.20 Cr animals are proposed to be covered..As on 5.12.2019, 4.73 Lakh animals are covered. Future roadmap has been prepared by the Department of Animal Husbandry and Dairying for enhancing the A.I coverage from present 30% to 70% and the additional fund requirement has been made with Ministry of Finance.

Annual target set under the project for the 12 sex sorted semen facilities is 2.4 million doses. Details on State-wise sex sorted semen facility established are given at Annexure –II. So far, facility for production of 6 lakh doses/annum is made functional. Till date 3 lakh doses have been produced.

Under RGM, establishment of 30 Embryo Transfer Technology (ETT)/ In-Vitro Fertilization (IVF) Labs have been sanctioned and funds have already been released to the States. List of currently operational labs is given at Annexure III. It is envisaged that 3000 high genetic merit bulls of Indigenous breed will be produced thro ETT/IVF technology to meet the shortage of bulls in the country.

(f) Current production of Fisheries is 13.42 MMT and the target set for 2020-21 is 15.90 MMT

(g) and (h) No report of overfishing of sharks in Indian Ocean is received in the Department of Fisheries, Government of India.

Annexure - I

Statement referred to part (a) of the reply to Lok Sabha Question No. 3594 due for answer on 10th December 2019

State-wise Artificial insemination coverage 2018-19

S. No	State	Breedable population*	Animals available for A.I	AI done 2018-19 (in Lakh)	A.I Coverage ** %
	1	2	3	4	5
1	Andhra Pradesh	54.56	38.19	45.74	40
2	Arunachal Pradesh	1.39	0.97	0.01	0
3	Assam	36.19	25.33	4.35	6
4	Bihar	95.54	66.88	31.45	16
5	Chhattisgarh	36.35	25.45	7.15	9
6	Goa	0.40	0.28	0.32	38
7	Gujarat	95.99	67.19	83.25	41
8	Haryana	37.05	25.94	42.39	54
9	Himachal Pradesh	13.64	9.55	10.23	36
10	Jammu & Kashmir	16.35	11.45	13.62	40
11	Jharkhand	29.58	20.71	6.33	10
12	Karnataka	63.70	44.59	67.81	51
13	Kerala	6.64	4.65	13.78	99
14	Madhya Pradesh	109.90	76.93	32.12	14
15	Maharashtra	86.75	60.73	48.38	27
16	Manipur	1.14	0.80	0.16	7
17	Meghalaya	3.35	2.35	0.24	3
18	Mizoram	0.17	0.12	0.06	17
19	Nagaland	0.94	0.66	0.28	14
20	Odisha	36.42	25.49	14.40	19
21	Punjab	40.70	28.49	44.12	52
22	Rajasthan	132.75	92.93	44.07	16
23	Sikkim	0.60	0.42	0.18	15
24	Tamil Nadu	47.80	33.46	71.72	71
25	Telangana	35.74	25.02	17.74	24
26	Tripura	3.37	2.36	2.31	33
27	Uttar Pradesh	240.11	168.08	137.60	27
28	Uttarakhand	13.78	9.65	6.93	24
29	West Bengal	64.21	44.95	40.74	30
	Total	1305.46	913.82	787.48	29

Assumptions:

*As per 2012 Livestock Census

*Conception rate is considered to be 33% i.e 3 AI per Conception

Annexure-II

Statement referred to part (d) & (e) of the reply to Lok Sabha Question No. 3594 due for answer on 10th December 2019

State -wise list of Sex sorted semen facility approved

S.No	State	Location
1	Gujarat	Patan
2	Haryana	Hissar
3	Karnataka	Hessarghatta
4	Kerala	Dhoni
5	Madhya Pradesh	Bhadbada, Bhopal
6	Maharashtra (2)	1. BAIF, Pune
		2 . Aurangabad
7	Tamil Nadu	DLF, Hosur
8	Telangana	Karim nagar
9	Uttar Pradesh	Babugarh
10	Uttarakhand	Rishikesh
11	Punjab	Nabha ,Patiala
12	Himachal Pradesh	Palampur

Annexure-III

Statement referred to part (d) & (e) of the reply to Lok Sabha Question No. 3594 due for answer on 10th December 2019

List of State- wise Embryo transfer/ In-Vitro Fertilization Labs

SN	ETT Centre	State	Number of embryos Produced/ transferred
1	ETT Centre, Kalsi	Uttarakhand	295
2	SAG,Bidaj	Gujarat	286
3	KLDB,Mattupatty	Kerala	61
4	Lam Farm, AP Guntur	Andhra Pradesh	67
5	BAIF, Urlikanchan	Maharashtra	50
6	GADVASU, Ludhiana	Punjab	44
7	ETT Centre, Bhopal	Madhya Pradesh	358
8	ETT Centre, Niblet UP	Uttar Pradesh	158
9	PLDB ETT centre, Patiala	Punjab	163
10	ETT Centre Palampur	Himachal Pradesh	11
11	ETT Centre, Hosur	Tamil Nadu	30
12	ETT, Shirpur, Pune	Maharashtra	425
13	Nagpur MAFSU	Maharashtra	21
14	NKBC	Andhra Pradesh	Under establishment
15	Anjora Durg	Chhattisgarh	
16	Motihari	Bihar	
17	Patna		
18	NKBC	MP	
19	Namakkal	Tamil Nadu	
20	Bareilly	Uttar Pradesh	
21	Hyderabad	Telangana	
22	Harringhatta	West Bengal	
23	Hissar	Haryana	
24-30	Central Cattle Breeding Farms (CCBF) -7 Nos.		