

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

UNSTARRED QUESTION No. 287
TO BE ANSWERED ON 4th FEBRUARY 2025

RASHTRIYA GOKUL MISSION

287. Shri Jugal Kishore:
Shri Nalin Soren:

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

मत्स्यपालन, पशुपालन और डेयरी मंत्री

be pleased to state:

- (a) the role of Rashtriya Gokul Mission (RGM) in increasing milk production and productivity of indigenous bovine species; and
- (b) whether the Rashtriya Gokul Mission has increased the financial assistance to the farmers engaged in the dairy occupation in the country and if so, the details thereof?

ANSWER

THE HON'BLE MINISTER OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
(SHRI RAJIV RANJAN SINGH ALIAS LALAN SINGH)

(a) The scheme Rashtriya Gokul Mission is playing an important role in increasing milk production and productivity of bovines. With the implementation of the scheme and other measures taken by the Department of Animal Husbandry and Dairying, milk production in the country has increased from 146.31 Million Tonnes in 2014-15 to 239.30 Million Tonnes in 2023-24 that is by 63.55 % during the last 10 years. The total productivity of Bovines in the country has increased from 1640 kilograms per animal per year in 2014-15 to 2072 kilograms per animal per year in 2023-24 that is by 26.34% which is the highest gain in productivity of bovines by any country in the world. The productivity of the indigenous and non-descript cattle has increased from 927 kilograms per animal per year in 2014-15 to 1292 kilograms per animal per year in 2023-24 that is by 39.37 %. The productivity of the buffaloes has increased from 1880 kilograms per animal per year in 2014-15 to 2161 kilograms per animal per year in 2023-24 that is by 14.94%

Following components are successfully implemented under Rashtriya Gokul Mission for increasing milk production and productivity of bovines:

- (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, 8.32 crore animals have been covered, with 12.20 crore artificial inseminations performed, benefiting 5.19 crore farmers.

- (ii) Progeny Testing and Pedigree Selection: This program aims to produce high genetic merit bulls, including bulls of indigenous breeds. Progeny testing is implemented for Gir, Sahiwal breeds of cattle, and Murrah, Mehsana breeds of buffaloes. Under the Pedigree selection programme Rathi, Tharparkar, Haryana, Kankrej breed of cattle and Jaffarabadi, Nili Ravi, Pandharpuri and Banni breed of buffalo are covered. So far, 3,988 high genetic merit bulls have produced and inducted for semen production.
 - (iii) Implementation of In-Vitro Fertilization (IVF) Technology: To propagate elite animals of indigenous breeds, the Department has established 22 IVF laboratories. The technology has important role in genetic upgradation of bovine population in single generation. Further, to deliver technology at reasonable rates to farmers Government has launched IVF media.
 - (iv) Sex-Sorted Semen Production: The Department has established sex sorted semen production facilities at 5 government semen stations located in Gujarat, Madhya Pradesh, Tamil Nadu, Uttarakhand and Uttar Pradesh. 3 private semen stations are also producing sex sorted semen doses. So far 1.15 crore sex-sorted semen doses from high genetic merit bulls have been produced and made available for Artificial Insemination.
 - (v) Genomic Selection: 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 in the country.
 - (vi) 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.
 - (vii) 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. As of now, 341,998 farmers have been benefited from this program. Government has launched indigenously developed sex sorted semen technology to deliver sex sorted semen at reasonable rates to farmers.
 - (viii) Accelerated Breed Improvement Programme using In-Vitro Fertilization (IVF) technology: 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.
- (b) Yes, Sir. Financial assistance to the tune of Rs. 4442.87 crores have been released to the implementing agencies between 2014-15 & 2024-25 (upto December 2024) for development and conservation of indigenous bovine breeds and against this an amount of Rs. 983.43 crores have been released between 2004-05 & 2013-14 for Cattle and Buffalo Development. The benefit of the scheme has been accruing to farmers engaged in dairying in terms of enhancement in milk production and productivity of bovines.
