

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
LOK SABHA
UNSTARRED QUESTION NO. 2726
TO BE ANSWERED ON 19TH DECEMBER, 2023

PRODUCTION OF MILK, EGGS AND MEAT

2726. SHRI SUNIL KUMAR MONDAL:

Will the Minister of **FISHERIES, ANIMAL HUSBANDRY AND DAIRYING**

मत्स्यपालन, पशुपालन और डेयरी मंत्री

be pleased to state:

- (a) the details of the production of Milk, Eggs and Meat in the country at present;
- (b) the gap between the demand and production of milk and eggs in the country along with the steps taken by the Government in this regard and to increase the production of these food items in the country, State and UT-wise;
- (c) whether the total production of milk, eggs and meat has increased during July-October, 2023 as compared to the corresponding period of 2022 specially in West Bengal and in other States; and
- (d) if so, the details thereof along with future initiatives for its progress, State and UT-wise and if not, the reasons therefor?

ANSWER

**THE MINISTER FOR FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
(SHRI PARSHOTTAM RUPALA)**

- (a) The details of the production of Milk, Eggs and Meat in the country during the year 2022-23 are given below as;

| Milk (million tonnes) | Eggs (billion numbers) | Meat (million tonnes) |
|-----------------------|------------------------|-----------------------|
| 230.58 | 138.38 | 9.77 |

- (b) The demand and production of milk and eggs in the country during 2021-22 were –

| Milk (million tonnes) | | Eggs (billion numbers) | |
|-----------------------|------------|------------------------|------------|
| Demand | Production | Demand | Production |
| 159.29 | 222.07 | 103.54 | 129.60 |

Note: The demand is the estimation made by NITI Aayog's Working Group on 'Demand and Supply Projections Towards 2033'

The initiatives taken by Government to increase the production is at **Annexure I**.

- (c) & (d) There is no information available on total production of milk, eggs and meet for the period of July-October, 2023.

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The major step have been undertaken by Government of India for the enhancement of milk and egg production.

1. Milk Production

- i. Implementation of Nationwide Artificial Insemination Programme for enhancing artificial insemination coverage using semen of high merit bulls including semen of high genetic merit bulls of indigenous breeds. As on date, 6.21 crore animals have been covered, 7.96 crores Artificial Insemination have been performed and 4.11 crores farmers benefitted under the programme.
- ii. Implementation of progeny testing and pedigree selection for production of high genetic merit bulls including bulls of indigenous breeds like Gir, Sahiwal, Tharparkar, Kankrej, Hariana, Rathi breeds of cattle and Murrah, Mehsana, Jaffarabadi, Pandharpuri, Nili Ravi breeds of buffalo.
- iii. Establishment of Breed Multiplication Farms preferably of indigenous breeds has been undertaken under Rashtriya Gokul Mission and under the component 50% capital subsidy is available for eligible entrepreneurs. As on date, the Department has approved establishment of 99 Breed Multiplication Farm.
- iv. Implementation of In-vitro Fertilization (IVF) for faster genetic upgradation of bovine population including indigenous breeds of cattle and buffaloes. Under the component projects have been sanctioned for establishment of 32 IVF laboratories. As on date, 19038 viable embryos have been produced out of this 10222 embryos transferred and 1622 calf born.
- v. For implementation of genomic selection DNA chip has been developed for identification of high genetic merit bulls of indigenous bovine breeds at young age against 6- 7 years taken in traditional method to prove genetic merit of the bulls.
- vi. Sex sorted semen production for indigenous breeds of cattle along with other bovine breeds has been initiated in the country. Sex sorted semen is important for production of female calves with 90% accuracy. As on date, Semen production facility has been created at 8 semen stations and 85.62 lakh sex sorted semen doses produced.
- vii. **Feed and Fodder Development:** National Livestock Mission aims towards strengthening of fodder seed chain to improve availability of certified fodder seed required for fodder production and encouraging entrepreneurs for establishment of fodder Block/Hay Bailing/Silage Making Units through incentivisation.

The Central Government will incentivise the fodder seed chain i.e. breeder, foundation and certified quality fodder seed production towards multiplication of seeds of high yielding fodder varieties which has been developed through research and innovations, significantly showing

better performance, for which incentives will be provided. 100% incentivization for production of all categories of fodder seed production by ICAR, National Seed Corporation (NSC), Indian Farmers Fertilizer Cooperative (IFFCO), KrshakBharati Cooperative Limited (KRIBHCO), National Agricultural Cooperative Marketing Federation (NAFED) and Central Agencies as well as State Agriculture Universities (SAU), Hindustan Insecticides Limited (HIL), State Government seed production corporations, public and private organizations, dairy cooperatives and milk federations and other organizations with good credibility. The production incentives will be given to central seed directly and to the State Implementing Agency for the applications received from the State seed producing agencies. However, the assistance for Dairy Cooperatives and Milk Federations will be routed through NDDB.

As regards to the entrepreneurship programme, capital subsidy will be provided to the Eligible Entities like Individual, Farmers Producers Organizations (FPOs), Farmers Cooperative Organizations (FCOs) Joint Liability Groups (JLGs), Self Help Groups (SHGs), Section 8 companies for establishment of Silage making plants, Fodder Block Making Plants and Total Mix Ration Plants. The Central Government shall provide 50% capital subsidy to the Eligible Entities subject to subsidy ceiling of Rs. 50 Lakh. The remaining cost of the project need to be arranged by the Eligible Entities either through finance from bank or financial institution or self-financing. The Central Government is developing the online portal for submission of application. The subsidy will be channelized through the Small Industries Bank of India.

- viii. Department implement the National Animal Disease Control Programme (NADCP) to control and eventually eradicate Foot and Mouth Disease (FMD) and to control Brucellosis through vaccination of all eligible animal population in the country which will result in overall better animal health status of the animals, increased milk production and controlling infertility, thereby increasing productivity. So far, 13.01 crore animals have been vaccinated for Round III and 1.80 crore animals are vaccinated for Round IV against FMD and 2.71 crore animals have been vaccinated against Brucella during the year 2023. Department also financially and technically supporting the states/UTs for vaccination of Lumpy Skin disease (LSD) and 9.86 crore cattle have been vaccinated during 2023 and the vaccination is underway.

2. Egg Production

The Department of Animal Husbandry and Dairying is implementing National Livestock Mission since 2014-15 with the objective of holistic development of the Small Ruminant, Poultry and Piggery Sector. The scheme envisages genetic improvement of sheep, goat, pig and rural poultry sector. The scheme has further been realigned during 2021-22. The realigned National Livestock Mission (NLM) aims towards employment generation, entrepreneurship development, increase in per animal productivity and thus targeting increased production of meat, goat milk, egg and wool under the umbrella scheme Development Programme. The excess production will help in the export earnings after meeting the domestic demands. The concept of NLM Scheme is to develop the entrepreneur in order to create the forward and backward linkage for the produce available at the unorganized sector and to link with the organized sector. The Scheme aims towards productivity enhancement of meat, egg and fodder.

The realigned National Livestock Mission will have following three Sub-Missions:

- (a) Sub-mission on Breed Development of Livestock and Poultry

(b) Sub-mission on Feed and Fodder Development

(c) Sub Mission on Innovation and Extension

Sub-mission on Breed Development of Livestock and Poultry: proposes to bring sharp focus on entrepreneurship development and breed improvement in poultry, sheep, goat and piggery by providing the incentivization to the Eligible Entities like Individual, Farmers Producers Organizations (FPOs), Farmers Cooperative Organizations (FCOs) Joint Liability Groups (JLGs), Self Help Groups(SHG), Section 8 companies for entrepreneurship development and also to the State Government for breed improvement infrastructure. Under entrepreneurship programme, the Central Government shall provide 50% capital subsidy to the Eligible Entities subject to subsidy ceiling as per scheme guidelines (subsidy ceiling for poultry entrepreneurship is 25 lakh, sheep and goat up to 50 lakh, Piggery 30 lakh). The remaining cost of the project need to be arranged by the Eligible Entities either through finance from bank or financial institution or self-financing.

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Sub-mission on Feed and Fodder Development: This Sub-Mission aims towards strengthening of fodder seed chain to improve availability of certified fodder seed required for fodder production and encouraging entrepreneurs for establishment of fodder Block/Hay Bailing/Silage Making Units through incentivisation.

The Central Government will incentivise the fodder seed chain i.e. breeder, foundation and certified quality fodder seed production towards multiplication of seeds of high yielding fodder varieties which has been developed through research and innovations, significantly showing better performance, for which incentives will be provided. 100% incentivization for production of all categories of fodder seed production by ICAR, National Seed Corporation (NSC), Indian Farmers Fertilizer Cooperative (IFFCO), KrshakBharati Cooperative Limited (KRIBHCO), National Agricultural Cooperative Marketing Federation (NAFED) and Central Agencies as well as State Agriculture Universities (SAU), Hindustan Insecticides Limited (HIL), State Government seed production corporations, public and private organizations, dairy cooperatives and milk federations and other organizations with good credibility. The production incentives will be given to central seed directly and to the State Implementing Agency for the applications received from the State seed producing agencies. However, the assistance for Dairy Cooperatives and Milk Federations will be routed through NDDB.

As regards to the entrepreneurship programme, capital subsidy will be provided to the Eligible Entities like Individual, Farmers Producers Organizations (FPOs), Farmers Cooperative Organizations (FCOs) Joint Liability Groups (JLGs), Self Help Groups (SHGs), Section 8 companies for establishment of Silage making plants, Fodder Block Making Plants and Total Mix Ration Plants. The Central Government shall provide 50% capital subsidy to the Eligible Entities subject to subsidy ceiling of Rs. 50 Lakh. The remaining cost of the project need to be arranged by the Eligible Entities either through finance from bank or financial institution or self-financing. The Central Government is developing the online portal for submission of application. The subsidy will be channelized through the Small Industries Bank of India.

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Sub-mission on Innovation and Extension: The sub-mission aims to incentivize the Institutes, Universities, Organizations carrying out research and development related to sheep, goat, pig and feed and fodder sector, extension activities, livestock insurance and innovation. Under this sub-mission, assistance will be provided to the central Agencies, ICAR Institutes and University farms for applied research required for development of the sector, extension services including promotional activities for animal husbandry and schemes, seminars, conferences, demonstration activities and other IEC activities for awareness generation. Assistance will also be provided for livestock insurance and innovations.

The Realigned National Livestock mission is implemented through the State Implementing Agency established under the State Animal Husbandry Department. In this regard, the State Animal Husbandry Department will need to establish their State Implementing Agencies or identify the agency already established for implementation of the National Livestock Mission. The Central share wherever eligible will be channelized through the State Implementing Agency.

The Scheme guidelines have been issued. The Budgetary allocation of R. 350.00 cr. has been made during the year 2021-22. The Scheme guidelines have been issued. The Budgetary allocation of R. 350.00 cr. has been made during the year 2021-22. The Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying has developed online portal (www.nlm.udyamimitra.in) for submission of application for entrepreneurship and also breed improvement application by the States.

The Department is also implementing the scheme the AHIDF Scheme was launched on June 24, 2020 under the Prime Minister’s AtmaNirbhar Bharat Abhiyan with a stimulus package of Rs. 15000 crores. Animal Husbandry Infrastructure Development Fund (AHIDF) was approved for incentivizing investments by individual entrepreneurs, private companies, Farmers Producers Organizations (FPOs), MSMEs and Section 8 companies to establish Dairy processing and product diversification infrastructure

One of the objectives of the AHIDF Scheme is ‘to promote exports and increase the export contribution in the milk sector’. Export-oriented projects related to ‘Dairy processing and product diversification infrastructure’ are being supported under the AHIDF Scheme.

ANNEXURE-I

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To control the rising prices, an initiative to support the Dairy processing and value addition under the AHIDF Scheme operational since June 2020, are being supported. The AHIDF scheme provides 3% interest subvention for eight years on term loans availed by eligible entities for setting up projects in any of the above-mentioned approved categories. The scheduled banks provide credit up to 90% to the Eligible Entities for the establishment of projects in any eligible category under the Scheme. The funding is made by these banks from their own resources.