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# Key achievements and initiatives of Department of Animal Husbandry and Dairying

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**Why is in news?** Shri Parshottam Rupala briefs media on 9 Years' Key achievements and initiatives of Department of Animal Husbandry and Dairying

India has **vast resource of livestock and poultry**, which play a vital role in improving the socio-economic conditions of rural masses.

Livestock forms an important livelihood activity, supplementing incomes, offering employment opportunities.

**Agriculture diversification through animal husbandry** is one of the primary drivers of growth in rural incomes.

The Department of Animal Husbandry and Dairying has taken several important initiatives during the last nine years for improvement of per animal productivity.

**Increase in productivity** will help in production of more Milk, meat and livestock products for the domestic market and export market.

Department is implementing several programs for complete control and eradication of major livestock diseases and Infrastructure Development.

The Department is also dovetailing and synergizing efforts with other Ministries and stakeholders especially in the context of common objective of helping the farmers increase their income through the livestock sector.

The Department of Animal Husbandry and Dairying stands committed to work with all the stakeholders and will **provide maximum support for delivering the Quality Services at Farmers' Doorstep.**

## **Key achievements and initiatives of the Department of Animal Husbandry and Dairying:**

### **Livestock Sector:**

Livestock Sector is an important subsector of agriculture in the Indian economy. It grew at a Compound annual growth rate (CAGR) of 7.93 per cent during 2014-15 to 2020-21 (at constant prices).

The contribution of livestock in total agriculture and allied sector Gross value added (GVA) (at constant prices) has increased from 24.38 per cent (2014-15) to 30.87 per cent (2020-21).

Livestock sector contributed 6.2 per cent of total GVA in 2020-21.

### **Livestock Population:**

There are about 303.76 million bovines (cattle, buffalo, mithun and yak), 74.26 million sheep, 148.88 million goats, 9.06 million pigs and about 851.81 million poultry as per 20th Livestock Census in the country.

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## **Dairy Sector:**

Dairy is the single largest agricultural commodity contributing 5 per cent of the national economy and employing more than 8 crore farmers directly.

**India is ranked 1st in milk production contributing 23 percent of global milk production.**

Milk production has increased by 51.05% over the past 8 years from 146.3 million tonnes during 2014-15 to 221.06 million tonnes during 2021-22.

Milk production is growing at the annual growth rate (CAGR) of 6.1% over the past 8 years whereas world milk production is growing at 1.2% per annum.

The per capita availability of milk is 444 grams per day in 2021-22 as against the world average of 394 grams per day during 2021.

## **Egg and Meat Production:**

According to Food and Agriculture Organization Corporate Statistical Database (FAOSTAT) production data (2020), **India ranks 3rd in Egg Production and 8th in meat production in the world.**

Egg production in the country has increased from 78.48 billion in 2014-15 to 129.60 billion Nos. in 2021-22. Egg production in the country is growing at the rate (CAGR) of 7.4% per annum.

The per capita availability of egg is at 95 eggs per annum in 2021-22. Meat production in the country has increased from 6.69 million tonnes in 2014-15 to 9.29 million tonnes in 2021-22

## **Animal Husbandry and Dairying Schemes:**

**RASHTRIYA GOKUL MISSION:** For development and conservation of indigenous bovine breeds

### **Major Achievements/Interventions of Rashtriya Gokul Mission**

**Nationwide Artificial Insemination Programme- Delivery of Artificial Insemination Services at Farmers**

**Doorstep:** As on date, 5.71 crore animals have been covered, 7.10 crore Artificial Insemination have been performed and 3.74 crore farmers benefitted under the programme.

**Promotion of IVF Technology in the country:** So far, 19248 viable embryos produced, 8661 viable embryos transferred and 1343 calves are born under the programme.

**Sex sorted semen production:** Sex sorted semen production has been introduced in the country for production of only female calves upto 90% accuracy Under the programme, subsidy of Rs 750 or 50% of the cost of sorted semen on assured pregnancy is available to farmers.

**DNA based Genomic selection:** National Dairy Development Board has developed INDUSCHIP for selection of elite animals of indigenous breeds and 25000 animals have been genotyped using the chip for creating referral population. For the first time in the World, BUFFCHIP has been developed for genomic selection of buffaloes and so far, 8000 buffaloes have been genotyped for creating referral population.

**Animal Identification and traceability:** 53.5 crore animals (cattle, buffalo, sheep, goats and pigs) are being identified and registered using polyurethane tags with 12 digit UID No.

**Progeny testing and Pedigree selection:** Progeny Testing Programme has been implemented for Gir, Shaiwal indigenous breed of cattle and Murrah, Mehsana indigenous breed of buffalo.

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**National Digital Livestock Mission:** Department of Animal Husbandry & Dairying, Government of India has taken up a digital mission, “National Digital Livestock Mission (NDLM) with NDDB. This will help in improving the productivity of the animals, control diseases that affect both animals and humans, ensure quality livestock and livestock both for domestic and export markets.

**Breed Multiplication Farms:** Subsidy of 50% (up to Rs 2 crore per farm) on capital cost (excluding land cost) is provided to private entrepreneurs under this scheme for establishment of breed multiplication farms. Till date, 76 applications has been approved by DAHD and an amount of Rs. 14.22 crore has been released to NDDB as subsidy.

#### **NATIONAL PROGRAMME FOR DAIRY DEVELOPMENT:**

To **create and strengthen infrastructure for quality milk** including cold chain infrastructure linking the farmer to the consumer.

185 projects in 28 States and 2 Union Territory have been approved with the total cost of Rs. 3015.35 crore (Central Share Rs. 2297.25 crore) from 2014-15 to 2022-23 (20.06.2023).

#### **SUPPORTING DAIRY COOPERATIVES AND FARMER PRODUCER ORGANIZATIONS ENGAGED IN DAIRY ACTIVITIES:**

To assist the Cooperative Societies and farmer producer organizations engaged in dairy activities by providing soft working capital loan to tide over the crisis on account of severely adverse market conditions or natural calamities.

#### **DAIRY PROCESSING & INFRASTRUCTURE DEVELOPMENT FUND (DIDF):**

To create/ modernize the milk processing, chilling and value addition infrastructure towards components Milk processing, Chilling and Value added Products facilities, etc.

Under DIDF, as on 31.05.2023, 37 projects are approved with total outlay of Rs. 6776.86 Crore and Rs. 2353.20 Crore loan has been disbursed against loan of Rs. 4575.73 Crore. An amount of Rs. 88.11 Crore has been released as interest subvention to NABARD.

#### **NATIONAL LIVESTOCK MISSION:**

The focus of the scheme is towards employment generation, entrepreneurship development; increase in per animal productivity and thus targeting increased production of meat, goat milk, egg and wool.

Under National Livestock Mission, for the first time, the Central Government is providing direct 50% subsidies to the Individuals, SHGs, JLGs, FPOs, Section 8 Companies, FCOs to establish Poultry Farms with Hatcheries and brooder mother units, sheep and goat breed multiplication farm, piggery farm and feed and fodder units.

#### **ANIMAL HUSBANDRY INFRASTRUCTURE DEVELOPMENT FUND:**

For incentivizing investments by individual entrepreneurs, private companies, MSME, Farmers Producers Organizations (FPOs) **and Section 8 companies** to establish (i) the dairy processing and value addition infrastructure, (ii) meat processing and value addition infrastructure and (iii) Animal Feed Plant.(iv) Breed improvement Technology and Breed Multiplications farms for Cattle/ Buffalo/Sheep/Goat/ Pig and technologically assisted Poultry farms.

#### **LIVESTOCK HEALTH AND DISEASE CONTROL PROGRAMME:**

For prevention, control and containment of animal diseases of economic and zoonotic importance by vaccination. Till date, total number of animals ear tagged are nearly 25.04 crores. So far, 24.18 crore animals have been vaccinated in second round of FMD.

Round III of FMD vaccination is going on and so far, 4.66 crore animals are vaccinated. So far, 2.19 crore animals have been vaccinated against Brucella. 1960 Mobile Veterinary Units (MVUs) have been flagged off in 16 States/UTs. Out of which, 1181 MVUs are operational in 10 States.

### **LIVESTOCK CENSUS & INTEGRATED SAMPLE SURVEY SCHEME:**

**Integrated Sample Survey:** To bring out estimates of Major Livestock Products (MLP) such as Milk, Egg, Meat and Wool. The estimates are published in Annual Publication of Basic Animal Husbandry Statistics (BAHS) of the Department. Recently, the Basic Animal Husbandry Statistics (BAHS)-2022 for the period 2021-22 is published.

**Livestock Census:** To provide information on livestock population, species-wise and breed-wise along with age, sex-composition etc. up to household level in rural and urban areas. Recently, 20th Livestock Census has been completed in the year 2019 with the participation of Animal Husbandry Department of all the States/UTs. The All-India report namely “20th Livestock Census-2019” containing Species-wise and State-wise population of livestock has been published. In addition to the above, the Department has also Published Breed-wise report on Livestock and Poultry (based on 20th livestock Census).

**KISAN CREDIT CARDS (KCC) FOR DAIRY FARMERS OF MILK COOPERATIVES AND MILK PRODUCER COMPANIES:** So far, more than 27.65 lakh fresh KCCs were sanctioned for AHD Farmers.