Year End Review | Ministry of Fisheries and Animal Husbandry

About the Ministry

- The Ministry was carved from the Ministry of Agriculture and Farmer's Welfare in 2019.
- **Departments**
  - Department of Fisheries
  - Department of Animal Husbandry and Dairying

Department of Fisheries

- Fisheries sector plays an important role in the Indian economy as it contributes to the national income, exports, food and nutritional security as well as employment generation.
- It is recognized as the ***'Sunrise Sector'*** and is instrumental in sustaining livelihoods of around 30 million people in India particularly that of the marginalized and vulnerable communities.

Key Initiatives/Schemes

Institutes

- The Department is responsible for the development of inland , marine and coastal fisheries and fishery institutes.

Name of the Institute	Headquarters
Fishery Survey of India	Mumbai
Central Institute of Fisheries Nautical and Engineering Training	Kerala
Central Institute of Coastal Engineering for Fishery	Bangalore
National Institute of Fisheries Post Harvest Technology and Training	Kochi
National Fisheries Development Board	Hyderabad
Coastal Aquaculture Authority	Chennai

Pradhan Mantri Matsya Sampada Yojana (PMMSY)

- Flagship scheme to bring Blue Revolution through sustainable and responsible development of fisheries sector in India.
- **Aim** - To double the income of fish farmers and fishers in the country
- **Launched** - 2020
- **Components**
  - Central Sector Scheme (CS) and

    - Centrally Sponsored Scheme (CSS).
- **Tenure**- 5 years (from 2020-21 to 2024-25)
- **Artificial reef program**- Implemented by F*ishery Survey of India (FSI) and ICAR-Central Marine Fisheries Research Institute (CMFRI)* to rejuvenate coastal fisheries.
- **Matsya Sampada Jagrukta Abhiyan**- An outreach programme to reach fish farmers and 3477 coastal villages and ensures last mile connectivity.
- **Sagar mitras**- Youth will be engaged in fisheries extension through the interface between the Government and fishers and act as first person of contact for any marine fisheries related demands/services of fishers.
- **Swath sagar plan**- To modernize the fisheries sector including the promotion of Bio-toilets, insurance coverage for fishing vessels, fisheries management plan, e-trading and national IT based database.

Fisheries and Aquaculture Infrastructure Development Fund (FIDF)

- **Launch year-** 2018
- **Tenure-** 2018-19 to 2022-23
- **Aim-** To achieve a sustainable growth of 8-9%, to augment the country's fish production to the level of 20 million tonnes by 2022-23.
- **Nodal Implementing Agency** - National Fisheries Development Board (NFDB), Hyderabad.
- **Nodal Loaning Entities** - NABARD, National Cooperative Development Corporation and Scheduled Banks.
- **Lending rate of interest** - Not lower than 5% per annum.
- **Period of repayment** - 12 years inclusive of moratorium of 2 years on repayment of principal.

Kisan Credit Card (KCC)

- KCC scheme was extended in 2018-19 to fisheries and animal husbandry farmers to help them meet their working capital requirements.
- **Kisan Rin portal**- This digital platform offers a comprehensive view of farmer data, loan disbursement specifics, interest subvention claims etc.,

Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana

- **Central Sector Sub Scheme-** Under Pradhan Mantri Matsya Sampada Yojana (PMMSY)
- **Objective**- To enhance the earnings and incomes of fishermen, fish vendors and micro & small enterprises engaged in fisheries sector.
- The scheme focus on gradual formalization of the unorganized fisheries sector including digital inclusion, facilitating access to institutional financing, maintenance of job for women in fisheries sector etc.,

Multipurpose Seaweed Park

- India's ***1st Fisheries Aquapark*** in form of Multipurpose Seaweed Park in ***Tamil Nadu*** was announced in the Union Budget 2021.

- **Model** - Hub-and-spoke model
- **Objective** - To promote the cultivation and conservation of seaweed.
- To supply high quality seaweed planting materials, product innovation lab to develop new product lines, testing facility for quality testing of water and seaweed products, along with single window support for entrepreneurs and processors.

Major Fishing harbours

- Chennai, Kochi, Paradip, Petuaghat and Vishakhapatnam

Sagar Parikrama Yatra

- **Aim**- To solve the problems of fishermen and fish farmers by disseminating information about various government schemes.
- Recent Sagar Parikrama Yatra Phase-X has emerged as a significant initiative to empower coastal communities and promote sustainable development in the fisheries sector.

Global Fisheries Conference India 2023

- The event was organised at the *Gujarat Science City, Ahmedabad.*
- The event is the ***1st edition*** which was instrumental in getting varied stakeholders together on one platform and facilitate discussions for internal and international collaboration.

National Fish Farmer's Day

- It is celebrated on ***10th July*** every year to commemorate the remarkable achievements of the Indian fisheries sector.

G-20 Agriculture Working Group

- The 1st meeting of the group showcased the development in the Fisheries and Aquaculture Sector which discussed on themes such as inclusive agricultural value chains and food systems.

Report Food Disease Mobile App

- It has been developed by ***ICAR-National Bureau of Fish Genetic Resources (NBFGR), Lucknow*** and launched under the National Surveillance Programme for Aquatic Animal Diseases.
- The app can be used by the farmers to report disease cases in *finfish, shrimps and molluscs* on their farms to the field level-officers and fish health experts and get scientific advice for quickly addressing the disease problems on their farms.

Other initiatives

- World Food India
- Special Campaign 3.0

- Run for Unity programme

Department of Animal Husbandry and Dairying

- It is responsible for livestock production, preservation, protection from diseases and improvement of stocks and dairy development.

Sector	Significance
Livestock	Contributes 30.19% in 2021-22 from 24.38% in 2014-15 to agriculture and allied sector
Dairy	The single largest agricultural commodity contributing 5% of the national economy.
Egg	As per FAO data, India ranks 2nd in the production
Meat	As per FAO data, India ranks 5th in the production

Key Initiatives/Schemes

Rashtriya Gokul Mission

- **Launch year**- 2014
- **Aim-** To genetically improve the cattle population and promote and conserve indigenous cattle breeds.
- **Accredited Agent for Health and Extension of Livestock Production (A-HELP)-** Help in artificial insemination and in preventing the livestock from infectious diseases.
- **E-Pashu Haat**- An e-market portal connecting breeders and farmers to provide quality- disease free bovine germplasm.
- **Pashu Sanjivni-** An Animal Wellness Programme with the provision of animal health cards along with Unique ID identification.
- **Gokul Gram**- Establishment of integrated indigenous cattle centres.
- **Gopalan Sangh**- Establishment of breeder's societies
- **National Digital Livestock Mission-** Established by ***National Dairy Development Board (NDDB),*** to improve the productivity, control diseases, ensure quality livestock both for domestic and export markets.
- **National Kamdhenu Breeding Centres**- Established as Centres of Excellence.
- **DNA based genomic selection**
    - **INDUSCHIP**- Developed by NDDB for selection of elite animals of indigenous breeds
    - **BUFFCHIP**- Developed for genomic selection of buffalos which is 1st time in the world
- **Progeny Testing Programme**- Implemented for Gir, Shaiwal indigenous breed of cattle and Murrah, Mehsana indigenous breed of buffalo.
- **Sex sorted semen production**- Introduced for production of only female calves up to 90% accuracy with subsidy of Rs 750 or 50% of the cost of sorted semen on assured pregnancy to farmers.
- **Rashtriya Pashudhan Vikas Yojana**- Rashtriya Gokul Mission is continued under this umbrella scheme from 2021 to 2026.
- Gopal Ratna award is given to farmers and Kamadhenu award to breeders' societies.

Dairy Processing and Infrastructure Development Fund

- **Objectives**
  - Modernization of milk processing plants and machinery
  - Creation of additional infrastructure for processing more milk
  - Bringing more efficiency in dairy processing plants and dairy institutions
- **Implementing agency**
  - National Dairy Development Board (NDDB)
  - National Cooperative Development Corporation (NCDC)
- **Financial assistance-** by NABARD

National Program for Dairy Development

- **Aim-** To strengthen infrastructure for the production of high-quality milk as well as for the procurement, processing, and marketing of milk and milk products.

Statutory Bodies

Statutory Body	Headquarters	About
National Dairy Development Board (NDDB)	Anand, Gujarat	Premier institution to accelerate the pace of dairy development on cooperative lines in the country. It launched **Operation Flood** in 1970
Veterinary Council of India	New Delhi	Responsible for regulating veterinary practices as well as for maintaining uniform standards of veterinary education
Animal Welfare Board of India	Tamil Nadu	Advisory body on animal welfare laws and promotes animal welfare in the country

National Livestock Mission

- **Launch year-** 2014-15
- **Objective-** Sustainable development of livestock sector, focusing on improving availability of quality feed and fodder, risk coverage, effective extension, improved flow of credit and organization of livestock farmers / rearers etc.,
- **Sub-mission**s
  - Sub-Mission on Breed Development of Livestock & Poultry
  - Sub-Mission on Feed and Fodder development
  - Sub-Mission on Extension and Innovation

Animal Husbandry Infrastructure Development Fund

- Announced under ***Atma Nirbhar Bharat Abhiyan*** stimulus package.
- **Aim**- To incentivize investments by individual entrepreneurs, private companies, MSME, Farmers Producers Organizations (FPOs) and Section 8 companies to establish
  - Dairy processing and value addition infrastructure
  - Meat processing and value addition infrastructure and
  - Animal Feed Plant

Livestock Health and Disease Control Programme

- **Aim-** To improve the animal health sector through prophylactic vaccination programmes against various diseases of livestock and poultry, capacity building, disease surveillance and strengthening of veterinary infrastructure.
- **Mobile Veterinary Units (MVUs)**- 1 MUV is provided approximately for 1 lakh livestock population at strategic locations to provide service within targeted time.
- **Classical Swine Fever Control Program (CSF-CP)-** Classical Swine Fever is a highly contagious viral diseases of pigs and the program is implemented with 100% central assistance.

Livestock Census and Integrated Sample Survey Scheme

- It is a Centrally sponsored scheme with two components
  - Livestock Census
  - Integrated Sample Survey Scheme
- **Livestock Census**
  - **Aim**- 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.
  - Livestock census started in 1919 till now 20 livestock census has been conducted.
  - Tablet computers were introduced for the first time in the 20^{th} livestock census, the next census will be conducted in 2024.

Integrated Sample Survey Scheme-

- **Aim-** To bring about the estimates of major livestock products such as milk, egg, meat and wool.
- **Published-** Annually in the Basic Animal Husbandry Statistics.
- **eLISS-** A specialised software through which data is entered into the tablets by the field workers.

Animal Health Support System for One Health

- The project focus on upgrading the laboratory, veterinary hospital/dispensary infrastructure and work towards strengthening disease surveillance and reporting using One Health approach.
- **Tenure**- 2022-23 to 2026-27
- **Implementation states**- Assam, Karnataka, Madhya Pradesh, Maharashtra and Odisha.

% of funding	Given by
50%	Central funding under Livestock Health and Disease Control Programme
50%	World Bank

References

1. PIB- Department of Fisheries
2. PIB- Department of Animal Husbandry
3. Department of Animal Husbandry- Annual Report 2022-23

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