National Digital Livestock Mission (NDLM)

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Why in news?

The government has rolled out the National Digital Livestock Mission (NDLM) across the country.

- **Aim –** To create a ***comprehensive, nationwide digital database*** of livestock and livestock-related services.
- **Under the –** Department of Animal Husbandry and Dairying.
- **Scale of implementation –**
  - 35.96 crore Pashu Aadhaar IDs issued.
  - 9.5 crore livestock owners registered.
  - 4 lakh field workers enrolled.
  - 146.6 crore vaccination records entered.
  - 250 crore total transactions recorded in the system
- **Coverage –** Implemented successfully across all states.
- **Bharat Pashudhan Platform –**
  - It is a unified digital database that integrates animal health, breeding, and productivity data.
  - It integrates livestock data nationwide through the Bharat Pashudhan platform (mobile and web).
  - **Pashu Aadhaar –** Every animal is issued a ***unique 12-digit barcoded*** ear tag (digital identity) that links to breeding, vaccination, ownership, and health records.
  - As of December 2025, approximately 35.96 crore animals have been issued these IDs.

Major Objectives of NDLM

- **Breed Improvement –** Manage breeding digitally to ensure high-quality germplasm suited to India's diverse climates.
- **Disease Monitoring & Control –** Integrated system to prevent, predict, respond, and treat major livestock diseases.
- **Product Traceability –** Foolproof tracking of livestock products using tag IDs, geography, and processing facilities—enabling branding and new market opportunities.
- **Farmer-Centric Ecosystem –** Empower farmers with access to schemes, services, and animal data via mobile apps.

- **Open-Source Architecture –** API-enabled system allows integration with banks, insurers, vets, and other stakeholders for seamless information exchange.
- **Farmer Empowerment Tools –**
    - **Bharat Pashudhan App –** It is used by field workers to record activities such as artificial insemination, vaccinations, and e-prescriptions.
    - **1962 Livestock Owner App** – It replaced the ***earlier e-Gopala app***, allowing farmers to view their animals' records and track health services.
    - It is linked directly to the NDLM database shows details of registered animals, latest schemes/programmes from DAHD, and is integrated with flagship programmes like Rashtriya Gokul Mission (RGM), etc.

References

1. PIB | National Digital Livestock Mission rolled out nationwide
2. DD News | National Digital Livestock Mission rolled out nationwide

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