

CEDSI TIMES

Your Skilling Partner...

Punjab Achieves Major Milestone in Livestock Vaccination Drive



Punjab Animal Husbandry, Dairy Development and Fisheries Minister Gurmeet Singh Khudian announced that over 58.93 lakh animals have been vaccinated against Foot and Mouth Disease (FMD) and Hemorrhagic Septicemia (HS). The state aims to inoculate its total livestock population of 65,47,407, which includes 25,31,460 cows and 40,15,947 buffaloes, by June 30.

Minister Khudian urged livestock farmers to utilize this initiative to protect their animals from these life-threatening diseases, which can significantly reduce milk yield and the working capacity of the animals.

Under the direction of Chief Minister Bhagwant Singh Mann, the Punjab Government is dedicated to the welfare of livestock farmers. The vaccination drive has successfully covered over 90 percent of the livestock against FMD and 85.3 percent against HS.

Amul to Expand Dairy Product Range in US Market



Gujarat Cooperative Milk Marketing Federation (GCMMF), the marketer of Amul dairy products, plans to expand its product range in the US market following the launch of fresh milk in collaboration with the Michigan Milk Producers Association.

Jayen Mehta, Managing Director of GCMMF, announced that due to the high demand for fresh products in the US and other international markets, the company will soon introduce dahi, lassi, buttermilk, cream, and paneer.

Speaking at the 116th Annual General Meeting of the Indian Merchants' Chamber (IMC), Mehta highlighted that milk has become India's largest agricultural crop and predicted that within the next decade, India will produce one-third of the world's milk. GCMMF has already launched four milk variants in the US targeting the Indian diaspora and Asian population and plans to expand into Canada and other global markets.

Madhya Pradesh Takes Swift Action Against Lumpy Skin Disease Outbreak



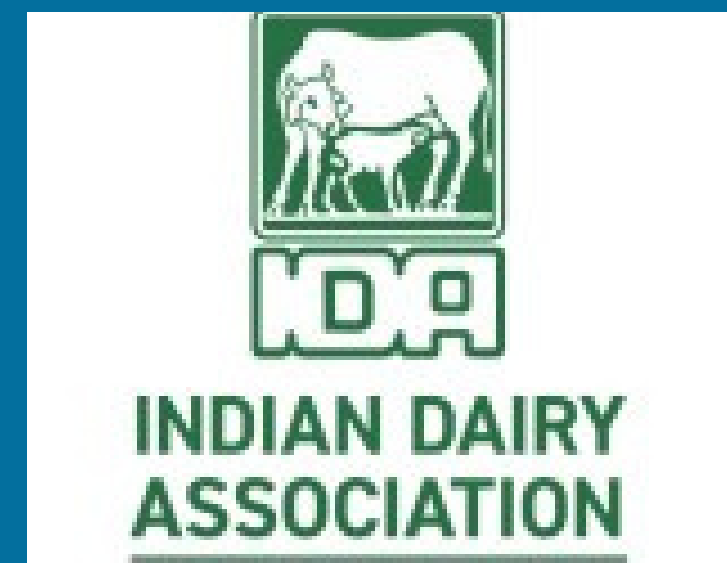
Madhya Pradesh has identified Lumpy Skin Disease in 2,171 cattle across 10 districts, prompting immediate measures to control the outbreak. The state administration, led by Chief Minister Shivraj Singh Chouhan, has banned the transportation of bovine animals in affected areas and from neighboring states. These precautions aim to safeguard the health of the livestock.

Officials report that the symptoms of this viral disease, which affects only cows and buffaloes, include fever, nasal and lacrimal discharge, eye ulcers, swollen lymph nodes, and decreased milk production. There is no risk to humans from consuming milk from asymptomatic animals.

The disease has been confirmed in Ratlam, Ujjain, Mandsaur, Neemuch, Betul, Indore, and Khandwa, with suspected cases in Dhar, Burhanpur.

Agri Varsity and IDA to Host Seminar on Benefits of Fermented Dairy Products

The Indian Dairy Association (IDA) North Zone Punjab Chapter, in collaboration with Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), will host a seminar titled "Unveiling the Benefits of Fermented Dairy Products" on Saturday. The event will take place at the College of Dairy and Food Science Technology (CDFST) on the GADVASU campus.



Dr. RS Sethi, Dean of CDFST, stated that the seminar aims to highlight the crucial role of fermented dairy products in promoting human health. With growing consumer awareness about the benefits of fermented dairy, attendees will have the opportunity to learn about the latest research findings, nutritional advantages, and potential therapeutic applications of these products.

Dr. PK Singh, Professor of Dairy Technology and Organizing Secretary of the seminar, emphasized that the event will feature lectures by renowned experts from the dairy industry, medical professionals, and academia. Topics will cover various aspects of fermented dairy products, including their production, nutritional value, and health benefits.

A major highlight of the event will be a question-and-answer session, providing participants a chance to interact directly with the speakers and gain deeper insights. This seminar is set to be an informative platform for dairy professionals, scientists, and milk producers from across India, reflecting IDA's commitment to advancing knowledge in the dairy sector.

PM Modi Releases Rs. 20,000 Crores to Farmers at Kisan Samman Sammelan in Varanasi



Prime Minister Narendra Modi addressed the Kisan Samman Sammelan in Varanasi, Uttar Pradesh, where he released the 17th installment of the PM-KISAN scheme, transferring over Rs 20,000 crores to around 9.26 crore farmers. He also awarded certificates to over 30,000 women from Self Help Groups (SHGs) as Krishi Sakhis.

Highlighting the dairy sector, PM Modi praised the impact of Banas Dairy in Varanasi. The dairy currently collects around 3 lakh liters of milk daily from over 14,000 cattle-rearing families. The dairy plans to add 16,000 more cattle rearers from Kashi within the next 18 months, significantly boosting their income.

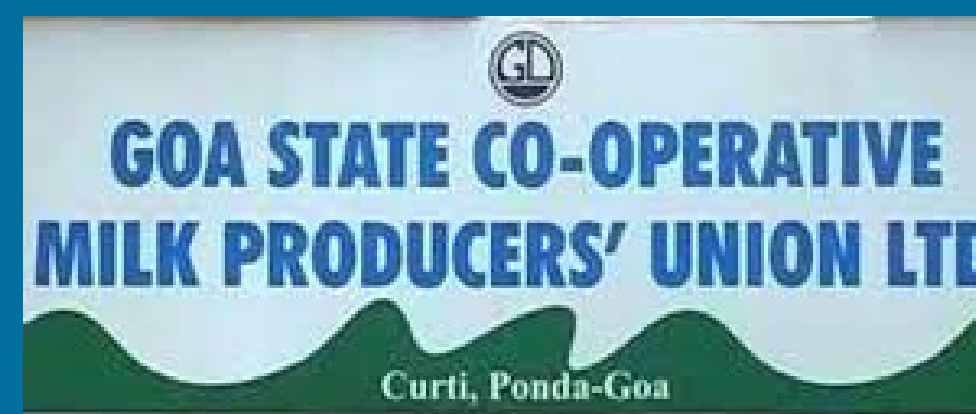
The Prime Minister also touched on the government's efforts to improve the income of fish farmers through the PM Matsya Sampada Yojana and the construction of a modern fish market in Chandauli.

Additionally, PM Modi noted the success of the PM Suryaghar Muft Bijli Yojna in Varanasi, where 40,000 locals have registered, and 2,500 houses have already received solar panels, reducing electricity bills and generating additional income.

The event emphasized the government's commitment to enhancing agricultural productivity, supporting rural economies, and improving the livelihoods of farmers and cattle rearers across India.

Goa Milk Cooperative asks National Dairy Development Board to depute MD

The Goa Dairy, officially known as the Goa State Cooperative Milk Producers' Union, has asked the National Dairy Development Board (NDDB) to depute a full-time managing director. After serving for 17 months, Yogesh Rane resigned on May 17 and a member of the committee of administrators Rama G Parab was in charge.



Rane had joined the office on Dec 5, 2022. Rane said that the NDDB has a scheme wherein the board can send a person as a MD on deputation for two years.

Parab, a veterinarian, has been taken over the reins of the Dairy on behalf of the committee. He said that he has been appointed as the MD as per the recent directives of the high court. The officer is paid by the NDDB, Parab said. Committee chairman Parag Nagarsekar said that Rane had managed to streamline affairs at the Union.

DAHD Signs Agreement With NDDB For Upgradation Of Biocontainment Facility



The Department of Animal Husbandry and Dairying (DAHD) has signed an agreement with the National Dairy Development Board (NDDB) for the upgradation of the Biocontainment Facility at Chaudhary Charan Singh National Institute of Animal Health (CCSNAIH), Baghpat.

The project, budgeted at Rs. 160 Crores, aims to be completed in 20 months and was officiated in the presence of Secretary Ms. Alka Upadhyaya, along with senior officers from the DAHD, CCSNAIH, and NDDB.

Commissioned in 2010, CCSNAIH serves as a key facility for the quality assessment of veterinary vaccines and diagnostics, recognized as a Central Drugs Laboratory by the Ministry of Health and Family Welfare. It conducts quality control testing for diseases like Haemorrhagic Septicaemia, Ranikhet Disease, FMD, Brucella, PPR, and CSF vaccines under the LH&DC program.

The upgrade is designed to meet evolving technology and safety standards, ensuring compliance with guidelines from the Department of Biotechnology. Objectives include enhancing veterinary services, improving vaccine efficacy and safety protocols, and fostering research and international collaborations. The facility will also feature a state-of-the-art Animal House Containment Facility for therapeutic and vaccine research.

The DAHD anticipates significant benefits, including compliance with certification guidelines, preparedness for emerging livestock health challenges, and opportunities for self-sustainability and international collaboration.

CEDSI- Knowledge Section

The Carbon Hoofprint - How Dairy Farming Contributes to Climate Change

Introduction

Dairy farming, a critical component of global agriculture, provides essential nutrition through milk, cheese, and other dairy products. However, it also plays a significant role in contributing to climate change. This blog explores the environmental impact of dairy farming, focusing on greenhouse gas emissions, and discusses how skill development and training can lead to more sustainable practices.

The Environmental Impact of Dairy Farming

Dairy farms emit several types of greenhouse gases, with methane being the most significant due to its potent impact on global warming. Methane is primarily produced during the digestive process of ruminant animals, such as cows, known as enteric fermentation. Additionally, dairy farms generate nitrous oxide from manure management and carbon dioxide from the use of fossil fuels.

According to the Food and Agriculture Organization (FAO), livestock accounts for about 14.5% of all anthropogenic greenhouse gas emissions, with cattle representing the majority of this percentage. Understanding and mitigating these emissions is crucial for combating climate change.

Advancing Skills for Sustainable Dairy Farming

The key to reducing the carbon footprint lies in skill development and the empowerment of dairy farmers through targeted training programs. These training initiatives should focus on

Improved Manure Management Techniques

Training farmers in advanced manure management can reduce methane and nitrous oxide emissions. Techniques such as anaerobic digestion can be used to capture methane and convert it into biogas, a renewable energy source.

Feed Optimization

Educating farmers on feed optimization to reduce enteric fermentation can significantly lower methane emissions. This includes formulating diets optimized to reduce the fiber that leads to methane production while maintaining the health and productivity of the cattle.

Energy Efficiency and Renewable Energy Use

Incorporating training sessions on the use of renewable energy sources, like solar panels and biogas digesters, can decrease reliance on fossil fuels. Farmers can learn to install and maintain these systems to reduce the carbon footprint of their operations.

Climate-Smart Agricultural Practices

Courses on climate-smart agriculture can teach farmers about crop rotation, agroforestry, and precision farming, which help enhance soil carbon sequestration and reduce the overall emissions from dairy farms.

The journey towards sustainable dairy farming is complex but essential. Through comprehensive training and skill development, dairy farmers can significantly reduce their environmental impact. As consumers and stakeholders increasingly demand sustainable practices, the dairy industry must commit to continuous learning and improvement to meet these expectations and contribute to the global fight against climate change.



| | | |
|---|--|---|
| <p>13 CLIMATE ACTION</p>  | <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>  | <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>  |
| <p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>  | <p>7 AFFORDABLE AND CLEAN ENERGY</p>  | <p>17 PARTNERSHIPS FOR THE GOALS</p>  |

Who are we

The **Centre of Excellence for Dairy Skills in India (CEDSI)** is working under “**Centre of Excellence for Agriculture Skills in India (CEASI)**” is an autonomous organization working under the aegis of “**Agriculture Skill Council of India (ASCI)**”, which is working under **Ministry of Skill Development & Entrepreneurship (MSDE)** for skilling and capacity building of farmers, wage workers, self-employed professionals, extension workers etc. engaged in organized and unorganized segments of Agriculture & Allied sectors.

CEASI is an apex organization of Centres of Excellence in various sub-sectors of agriculture viz.

- Centre of Excellence for Dairy Skills in India(CEDSI)
- Centre of Excellence for Horticulture Skills in India(CEHSI)
- Centre of Excellence for Farm Mechanization Skills in India(CEFMI)


CEDSI Membership will provide a unique platform for the industry leaders, policymakers, development practitioners, dairy scientists, researchers, students, and farmers to debate and discuss the issues of imminent importance to the dairy industry.





+91 7428706078





info@cedsi.in

 www.cedsi.in

 Follow us on Facebook
Cedsi Dairyskills

 Follow us on Twitter
@CEDSI_India

 Follow us on Instagram
@cedsi_india

 Follow us on linkedin
Cedsi-dairy COE

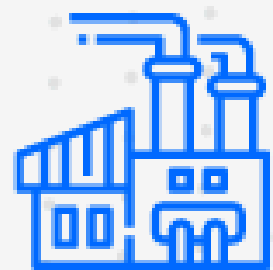


Centre of Excellence for Dairy Skills in India

Join Our Membership Drive and Get Benefits of

- ✓ Platform to interact with other members in the sector
- ✓ Networking opportunities with corporate leaders and government authorities
- ✓ Special costs of training in Skill India Certified Programmes
- ✓ Access to our Journal and Publications
- ✓ Expert advice in day-to-day operations and management of livestock /farm productions
- ✓ Free registration on the job portal and regular updates on job vacancies in the sector
- ✓ Recognize your organization with CEDSI Yearly Awards and Recognition
- ✓ Chance to reach across the board through advertising in our press releases, news and articles
- ✓ Consultative and advisory services to help members
- ✓ Consulting and advisory services to help members
- ✓ Periodic e-newsletter for the latest news, govt. announcement and schemes in dairy sectors
- ✓ Updates on training programs of CEDSI and access to the training calendar

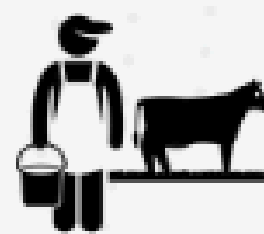
Who Can Become a Member -



Corporates/
Cooperatives



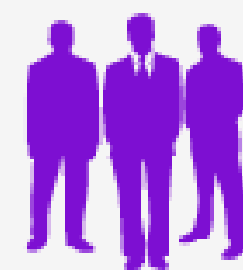
NGO's/CSR
Foundations



Dairy Farmers



Students



Professional

www.cedsi.in

@cedsi_india



CEDSI : Reviving Skills and Generating Livelihood

Skill Training Programme for Farmers/ Students/ Entrepreneurs

- Dairy Farmer/ Entrepreneur
- Dairy Farm Supervisor
- Dairy Worker
- Animal Health Worker
- Artificial Insemination Technician
- Veterinary Field Assistant
- Veterinary Clinical Assistant
- Calf Rearing
- Farm Equipment Technician
- Dairy farm Economics and Management
- Industry Aligned Certification Programs (Unemployed Youth and Students)

FPO Oriented Training Programs

- FPO Member Orientation on Product Technology and Processes.
- FPO Market Linkage
- FPO Governance
- FPO Accounting

Flagship Skill Training Programme for Dairy Corporates and Cooperatives

- Chilling Plant Technician
- Bulk Milk Cooler Operator
- Village Level Milk Collection Centre Supervisor
- Milk Tester
- Green-house Gases Mitigation
- Milk Quality Assurance
- Milk Delivery Boy
- Milk Procurement & Input Supervisor
- Waste Management In Dairy Industry
- Feed And Fodder Management
- Clean Milk Production
- Decision Support System/ Data Analytics