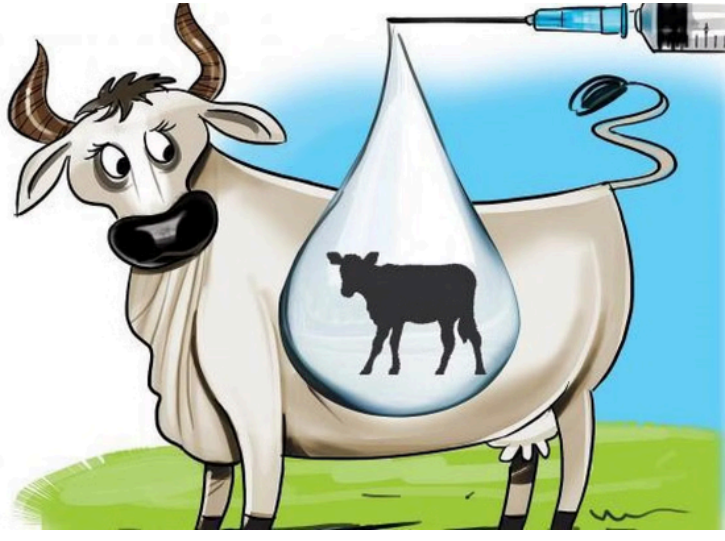


CEDSI TIMES

Your Skilling Partner...

Karaikal Introduces IVF Technology to Enhance Livestock Breeding and Milk Production



The Department of Animal Husbandry in Karaikal has launched in vitro fertilization (IVF) technology to improve livestock breeding and boost milk production in the district. This initiative, a first for Karaikal, aims to produce 100 genetically superior calves by performing IVF on 100 cows. The department expects the first batch of calves to be born next year.

This advancement is set to replace traditional breeding methods, providing a significant leap in cattle breeding practices in the Union Territory. By introducing IVF technology, the department aims to enhance the genetic quality of livestock, leading to higher milk yields and better disease resistance.

The introduction of IVF is part of a broader strategy to elevate Karaikal's dairy industry standards, contributing to increased income for local farmers. The department plans to monitor the progress and effectiveness of this program, hoping it will set a new benchmark for livestock development in the region.

Punjab Targets 30 Lakh Artificial Inseminations to Boost Dairy Livestock Quality



To enhance milk production and disease resistance among livestock, Punjab's Animal Husbandry Department has set a target of 30 lakh artificial inseminations annually. The initiative aims to improve the genetic potential of dairy livestock through quality breeding practices.

Punjab's Animal Husbandry Minister, S. Gurmeet Singh Khudian, highlighted the state's two semen stations in Nabha and Ropar, housing a total of 139 bulls, including Murrah, Nili Ravi, Holstein Friesian (HF), HF Cross, Jersey, and Sahiwal breeds.

The state is implementing major Progeny Testing (PT) and Pedigree Selection (PS) projects under the Rashtriya Gokul Mission, focusing on Murrah, Sahiwal, and Nili Ravi breeds, with a financial outlay of Rs. 57 Crore from 2019 to 2026. Till date, Rs. 25.8 Crore has been utilized.

Director Dr. Gursharanjit Singh Bedi emphasized robust monitoring systems, which are vital to making Punjab a hub for dairy development, increasing milk production, and enhancing farmers' income.

India Prepares for 21st National Livestock Census with New Mobile App Technology



The 21st National Livestock Census 2024 is set to take place from September 1 to December 31, marking the first time that a mobile app will be used to collect data. The census aims to gather comprehensive data to inform policies and programs for farmers and the dairy sector.

A workshop was held on August 29 in Belagavi to train officers and personnel involved in the census. Zilla Panchayat Chief Executive Officer Rahul Shindhe emphasized the importance of scientific counting methods and maintaining transparency in record-keeping during the census process.

The mobile app will streamline data collection, improve accuracy, and reduce manual errors, ensuring a more reliable database for policy formulation. The collected data will be crucial for developing targeted programs to enhance livestock management, productivity, and farmers' livelihoods across the country.

This technological advancement is expected to make the census process more efficient, marking a significant step forward in modernizing India's approach to livestock management and policy development.

GADVASU Partners with A S Cattle Feeds for Sustainable Animal Feed Solutions

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) has signed a Memorandum of Understanding (MoU) with A S Cattle Feeds to collaborate on consultancy services for feed formulation. This initiative aims to enhance sustainability in the animal agriculture sector by leveraging academic research to develop innovative feed solutions. The MoU marks a significant step towards integrating research and industry to address real-world challenges, particularly in enhancing animal nutrition and improving overall productivity.



Punjab Assembly Speaker Kultar Singh Sandhwan emphasized the importance of such collaborations in supporting national development and ensuring food security. He highlighted that the partnership would not only benefit the local animal agriculture industry but also contribute to broader economic and agricultural goals. Dr. Inderjeet Singh, Vice-Chancellor of GADVASU, expressed optimism about applying cutting-edge academic research to practical problems in animal husbandry, underlining the university's commitment to fostering innovation and sustainable practices.

Entrepreneur Sukhpreet Kaur, representing A S Cattle Feeds, described the MoU as a forward-looking initiative that addresses the growing need for sustainable feed production. By incorporating the latest advancements in feed formulation, the partnership aims to develop high-quality, nutrient-rich feed that boosts animal health and productivity. This collaboration reflects a shared commitment to enhancing the sustainability of the animal agriculture sector through innovative solutions, benefiting both farmers and the industry at large.

India Prioritizes Animal Health with Strategic Vaccination and Disease Control Measures



India is taking significant steps to protect its animals and livestock from various diseases through targeted vaccination drives and disease control measures. This was the focus of a three-day workshop on Animal Infectious Disease Prioritization, organized by the Food and Agriculture Organization (FAO) in collaboration with the Government of India.

The workshop brought together 69 experts from national and international organizations to discuss the creation of Foot and Mouth Disease (FMD)-free zones in eight states to enhance animal health and expand export opportunities for Indian animal products.

Dr. Alka Upadhyaya, Secretary of the Department of Animal Husbandry & Dairying (AHD), highlighted the country's progress in controlling four critical diseases—Foot and Mouth Disease (FMD), Peste des Petits Ruminants (PPR), Brucellosis, and Classical Swine Fever. Supported by government-funded vaccination drives using indigenously developed vaccines, these efforts aim to improve livestock health and productivity.

The workshop identified 20 high-priority animal infectious diseases in India, developing a comprehensive plan focusing on coordination, communication, monitoring, prevention, control, and socioeconomic planning. The initiative aligns with the "One Health" approach, ensuring the well-being of animals, humans, and the environment, and paving the way for India to strengthen its global market presence in animal products.

Himachal Farmers Boost Income with Advanced Cattle Breeding Program

Farmers in Himachal Pradesh are seeing increased income and productivity thanks to the Animal Husbandry Department's Accelerated Breed Improvement Program, which employs sex-sorted semen technology to enhance livestock quality. This advanced technique, implemented in the Sarkaghat sub-division, ensures a 90-95% chance of birthing female calves, which are more valuable for milk production. By focusing on increasing the number of female calves, the program addresses the growing problem of stray bulls, reducing road accidents and community disruptions.



Dr. Ashish Kumar Sharma of Baldwara Animal Hospital shared that the program provides two doses of the vaccine for ₹250. If conception fails after the first dose, the second dose is free; if both fail, the cost is refunded. The initiative has seen early success with 64 cows vaccinated, 12 pregnancies, and three healthy female calves born.

Farmers like Yashoda Devi from Nagrota village expressed gratitude after their cows birthed healthy female calves. The initiative, supported by Chief Minister Sukhvinder Singh Sukhu, is considered a game-changer, boosting milk production, reducing stray animals, and enhancing livelihoods for the farming community in the region.

Punjab's Silage Industry Booms, Boosting Fodder Security and Dairy Farming



Punjab's silage industry, locally known as "Pashuan da Aahar" (food for cattle), is rapidly transforming from a niche practice into a vital sector supporting dairy farming. Silage-making involves fermenting green fodder for cattle, and its popularity has surged due to the growing demand for nutritious and consistent cattle feed. This shift, marked by the introduction of more accessible bale silage, has prompted even small-scale dairy farms to adopt the practice.

Dr. Harinder Singh Khanna, who established India's first commercial fodder processing company, Excellent Enterprises Private Limited, in 1992, has been pivotal in promoting silage production. Punjab now hosts 220 silage-making units, producing 3.5 lakh tonnes of bale silage in 2022-23, valued at around Rs 210 crore. Demand extends beyond Punjab, with significant exports to Jammu & Kashmir, Rajasthan, Uttarakhand, Himachal Pradesh, and Gujarat.

However, experts from Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) caution that proper silage-making and storage are essential to prevent harmful molds and fungi. They advise farmers to manage silage carefully to maintain quality and avoid environmental concerns from plastic waste disposal.

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





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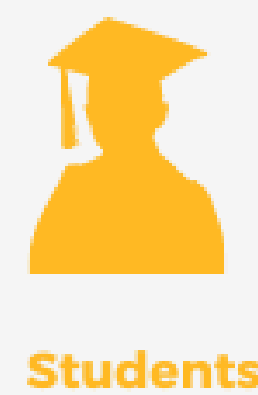


Centre of Excellence for Dairy Skills in India

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 -



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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