



CEDSI TIMES

Your Skilling Partner...

Chhattisgarh Introduces Mobile Veterinary Vehicles to Enhance Cattle Healthcare



Chhattisgarh is launching mobile veterinary vehicles to enhance cattle healthcare and boost the dairy industry, inspired by the successful Haat-Bazar Clinic scheme. These vehicles will visit Gauthans (cow shelters), providing convenient medical attention to cattle and benefiting villagers. Chief Minister Bhupesh Baghel's dedication to cow rearing and the Godhan Nyay Yojana has already led to a notable 50 thousand liters increase in milk production. He encourages active participation from the Sarva Yadav Samaj (community) to strengthen the dairy sector by utilizing the state's schemes.

The state also promotes agriculture and animal husbandry, transforming Gauthans into Rural Industrial Parks, creating employment opportunities for women and youth. The government's partnership with Tata Technologies to upgrade 36 ITIs will equip youth with modern skills and better employment prospects in various sectors. The initiative aims to ensure cattle well-being and uplift the livelihoods of farmers and stakeholders in the dairy industry across the state.

Krishi Vigyan Kendra Fatehgarh Sahib Empowers Farmers through PM Kisan Scheme Webcasting



Krishi Vigyan Kendra (KVK) organized a live webcasting of the PM KISAN Scheme, aiming to empower farmers and support landholding families. The event featured the Prime Minister unveiling the 14th installment of the scheme, providing direct income support to farming households. Enthusiastic participation from 100 farmers and farm women marked the program's success.

During technical sessions, KVK scientists offered valuable guidance on insect and pest management in paddy crops and effective weed management. Additionally, horticulture crop care during the rainy season and preventive measures for safe drinking water and water-borne diseases were discussed. Dr. Shiva Bambhota highlighted government schemes for agro-processing complexes, and Dr. G P S Sethi addressed dairy animal vaccination schedules and care during the monsoon.

Ex-trainees motivated farmers and farm women to actively participate in KVK activities and stay informed about agriculture-related technologies. The live webcasting served as a remarkable platform to disseminate knowledge and support informed decision-making for enhanced agricultural productivity and prosperity.

NABARD Aims to Empower Farmers and Promote Rural Development



In a significant move towards rural development, NABARD conducted a joint meeting in Raipur, bringing together lead district managers (LDMs) and district development managers (DDMs) from all 33 districts of Chhattisgarh. The meeting's primary focus was on enhancing credit flow at the grassroots level, with precise data reporting being emphasized by Dr. Cyanendra Mani, the chief general manager of NABARD.

Accurate data is essential for effective planning and equitable credit distribution across various sectors in different districts. Dr. Mani also urged banks to scale up the Kisan Credit Card (KCC) loan scheme, ensuring accessibility to all PM-KISAN beneficiaries, including dairy and fish farmers. Additionally, the meeting discussed promoting the Jan Suraksha Yojana for farmers' support and introduced new schemes for the development of cooperative banks. The collaborative efforts aim to empower farmers and promote sustainable rural development in the state.

Empowering Women in the Dairy Industry: W20 Janbhagidari Event Champions Women-led Sustainable Development through Dairy Cooperatives

Anand, Gujarat - Under the banner of Azadi ka Amrit Mahotsav and the W20 Janbhagidari event, a remarkable gathering themed "Women-led Sustainable Development through Dairy Cooperatives" was held in Anand, Gujarat. Esteemed guests, experts, and women leaders from the dairy sector participated actively in the event.



Shri Parshottam Rupala, who addressed the event virtually, emphasized the crucial role of women in the dairy sector, acknowledging their contributions to value-added product manufacturing. He highlighted that 18 dairy cooperatives are currently run by women. Smt. Alka Upadhyaya, Secretary of AHD, praised the significant contribution of women to the white revolution, where 70% of the dairy sector's workforce comprises women. She also highlighted the new A-HELP initiative, which involves community-based women activists bridging the gap between local veterinary services and livestock owners, providing primary services and promoting the One Health concept.

The event was graced by Ms. Bharati Gosh, who recognized the pivotal role women played during the COVID-19 pandemic, attributing it to the enabling environment and ecosystem created by the Government of India schemes for women in the country. The event honored Women Dairy Farmers from different states in India, who shared inspiring success stories across key priority areas of W20. Shri Jayen Mehta, Managing Director of Gujarat Cooperative Milk Marketing Federation, shed light on the progress and developments in the Amul and India's Dairy sector.

The event also featured presentations by Ms. Caroline Emond, Director General of IDF, and Dr. Meenesh Shah, Chairman of NDDB, highlighting the role of women in the global dairy sector and NDDB's commitment to promoting women in cooperatives. The one-day event witnessed panel discussions on "Journey of Resilience of Women Leaders Across Sectors" and "Contribution of Women in Sustainable Development through interdisciplinary collaboration," featuring inspiring women leaders from various fields. In conclusion, Ms. Dharitri Patnaik, Chief Coordinator of W20, expressed gratitude to all participants and reiterated the commitment to fostering women-led sustainable development in the dairy sector.

Milk Producers in Salem Urge Government to Relax Norms for Incentives

Milk producers in Salem, Tamil Nadu, have expressed their appreciation for the State government's decision to provide ₹1 incentive per litre to farmers who supply milk to cooperative societies. However, they are urging the government to consider relaxing the norms for the incentive scheme.



According to a circular issued by the Commissioner of Milk Production and Dairy Development on July 25, the incentive will be given to farmers based on the quality of milk they provide. The eligible milk should have 4.3% fat and 8.2% solid non-fat (SNF), amounting to a total of 12.5%. The incentive will be disbursed to the farmers' accounts on a monthly basis, with milk testing and spot acknowledgment to ensure transparency.

M.G. Rajendran, the general secretary of Tamil Nadu Milk Producers Welfare Association, suggests that the government should consider a 12.5% total fat percentage, combining fat and SNF, for providing incentives. This approach would avoid variations in fat and SNF levels that occur naturally during lactation.

The Dairy Development Department officials have acknowledged the milk producers' demands and stated that they will bring this matter to the government's attention. The decision now rests with the government to assess the feasibility of relaxing norms and ensuring that incentives positively impact a larger section of the dairy farming community.

IVRI Unveils Groundbreaking Cattle Feed for Unprecedented Milk Yield Boost



In a landmark development that is set to revolutionize the dairy industry, the ICAR-Indian Veterinary Research Institute (IVRI) has introduced a groundbreaking innovation to redefine milk production. This pioneering advancement comes in the form of a revolutionary cattle feed meticulously enriched with phytonutrients sourced from time-tested medicinal plants. The feed is designed to not only amplify milk yield but also enhance procreation and bolster immunity in milch animals, such as cows and buffaloes.

The IVRI-developed cattle feed represents a significant leap forward in meeting the critical nutritional needs of these valuable creatures. While various cattle feed options exist in the market, this cutting-edge product stands out for its unique combination of carefully selected phytonutrients tailored to the specific requirements of milch animals.

Extensive trials conducted by the IVRI team across multiple research sites have showcased the remarkable efficacy and transformative potential of this cattle feed. The collaboration with AIMIL PHARMACEUTICALS (INDIA) LTD, a renowned herbal drug manufacturer, ensures the commercial availability of this transformative product. By increasing the appetite, immunity, and general health of animals, the novel feed supplement holds the promise of boosting milk production capacity and reproductive abilities in cattle.

As India celebrates the 95th Foundation Day of the Indian Council of Agricultural Research, this revolutionary breakthrough marks a new era in dairy farming. With the widespread adoption of IVRI's groundbreaking cattle feed, the Indian dairy industry is poised for an unprecedented surge in milk production, fueling economic growth and securing a sustainable future for dairy farmers. The convergence of scientific ingenuity and pharmaceutical expertise guarantees a brighter future for farmers, animals, and the dairy sector as a whole. The imminent availability of this game-changing cattle feed in the retail market heralds a new dawn in dairy farming, where innovation and scientific progress join hands to redefine the essence of milk production.

Milk Procurement Sees Steady Increase in June, No Shortage Reported

In a promising development for India's dairy sector, the country witnessed a substantial rise in milk procurement during the month of June 2023. According to the Fisheries, Animal Husbandry, and Dairying Minister, Parshottam Rupala, milk procurement increased by 5.6 percent year-on-year, compared to the previous year. The minister's statement was in response to concerns about a possible shortage of milk and milk products in the country, assuring the public that no such shortage had been reported.



The Department of Animal Husbandry & Dairying, responsible for monitoring the milk situation in India, confirmed that there were no issues with the supply of milk and milk products. Rupala further disclosed that based on reports from major dairy cooperatives, the stock of Skimmed milk powder showed a positive trend, increasing from 116,002 tonnes to 130,000 tonnes between May and June 2023.

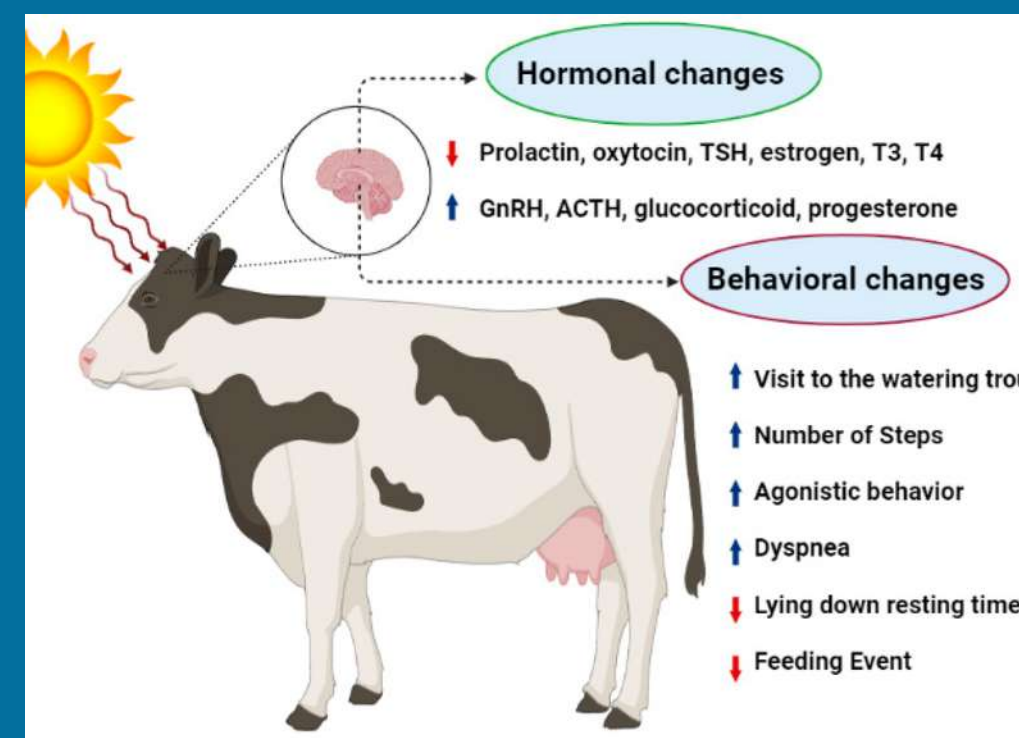
While the department does not regulate milk procurement and sale prices, the minister clarified that the prices are determined by cooperative and private dairies, considering their production costs and market dynamics. The situation seems favorable as the Wholesale Price Index of fodder has been steadily decreasing, with green fodder availability improving in light of the monsoon season.

During the financial year 2021-22, the nation recorded an impressive 221.06 Million Metric Tonnes (MMT) of milk production, demonstrating the immense potential of the Indian dairy industry. Currently, dairy cooperatives have a combined processing capacity of 989.43 lakh litres per day, indicating the sector's readiness to meet the growing demand.

Title: Stress Management: A Key Factor in Enhancing Milk Productivity

Introduction:

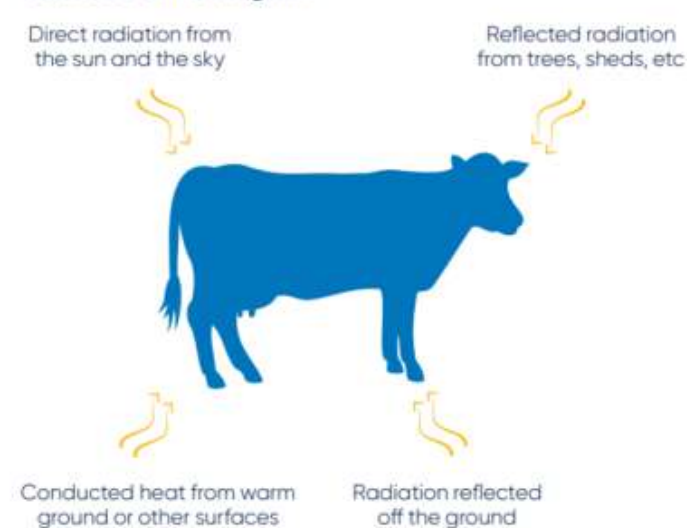
In our ongoing series on factors that impact milk productivity, we now turn our attention to stress management. Stress can have a profound effect on dairy animals, leading to reduced milk productivity and compromised animal welfare. Recognizing the significance of stress management, the Center of Excellence for Dairy Skills in India (CEDSI) extends its support to farmers in this crucial aspect. In this blog, we will explore the relationship between stress and milk productivity, highlight the negative impacts of stress, discuss effective strategies to eradicate stress, and emphasize CEDSI's role in promoting stress management practices for improved dairy farm productivity.



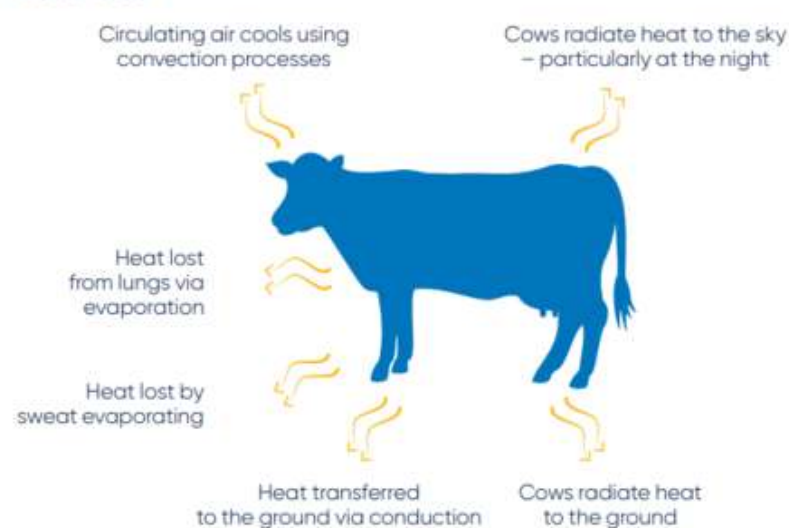
The Relationship between Stress and Productivity:

In the Indian dairy industry, stress is a prevalent issue that affects milk productivity. Stressors such as heat, inadequate nutrition, poor housing conditions, and improper handling techniques contribute to elevated stress levels in dairy animals. These factors trigger the release of stress hormones like cortisol, which disrupts the animal's physiological balance and negatively impacts milk production.

Sources of heat gain



Heat loss



Studies have shown that stressed cows can experience a decrease in milk yield by as much as 10-15%. In a country like India, where milk production is a vital part of the agricultural economy, addressing stress and its impact on productivity becomes crucial.

Eradicating Stress for Enhanced Productivity:

Comfortable Housing: Providing well-ventilated shelters with proper flooring, adequate space per animal, and comfortable bedding helps alleviate stress and improve productivity.

Nutritional Management: Ensuring a balanced and appropriate diet, considering the specific nutritional requirements of the animals, promotes their overall well-being and reduces stress levels.

Heat Stress Mitigation: Implementing measures such as sprinkler systems, fans, and shade structures to combat heat stress during hot summer months significantly reduces stress and improves milk production.

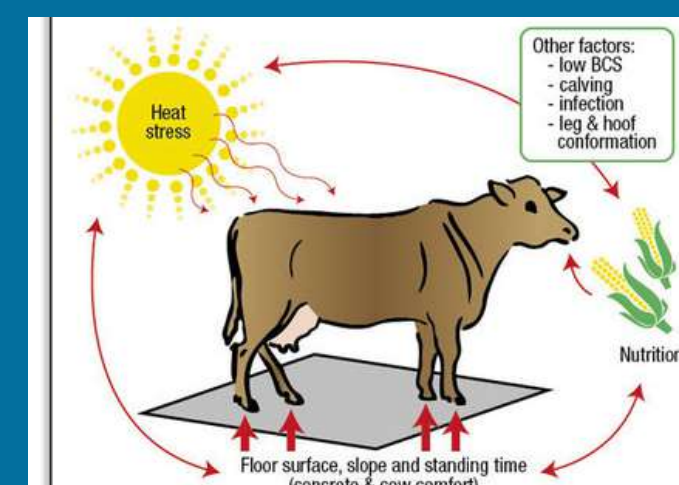
Proper Handling and Training: Using low-stress handling techniques, avoiding sudden loud noises or disturbances, and providing appropriate training to animals and farm staff help minimize stress during handling and routine procedures.

Disease Prevention and Health Management: Regular veterinary check-ups, timely vaccinations, and effective disease prevention strategies contribute to reducing stress levels in animals.

Socialization and Exercise: Encouraging social interaction among animals, providing adequate exercise opportunities, and promoting positive herd dynamics helps alleviate stress and promotes overall animal welfare.

Negative Impacts of Stress:

Stress has several negative impacts on milk productivity and the overall well-being of dairy animals. In addition to reduced milk yield, stressed cows are more susceptible to health issues, including metabolic disorders, mastitis, and reproductive problems. Chronic stress weakens the immune system, making animals more prone to infectious diseases, leading to additional economic losses for farmers.



Furthermore, stress affects the behavior and temperament of animals. Stressed cows may exhibit aggressive behavior towards other herd members, causing injuries and disruptions within the group. This can lead to decreased feed intake, further impacting milk production.

CEDSI's Support in Stress Management:

CEDSI acknowledges the critical role of stress management in optimizing milk productivity and animal welfare. The organization extends its support to farmers through various initiatives and programs.

CEDSI conducts training sessions and workshops, focusing on stress management techniques specific to the Indian context. Farmers are educated about identifying stress indicators, implementing stress reduction strategies, and creating a favorable environment for dairy animals.

CEDSI collaborates with veterinary experts, researchers, and industry professionals to develop stress management guidelines tailored to the Indian dairy sector. These guidelines offer practical insights and recommendations to help farmers effectively manage stressors and improve milk productivity.

In addition, CEDSI promotes the use of advanced technologies and innovative practices to address stress-related challenges. This includes the adoption of precision dairy farming techniques that utilize sensors, data analytics, and automation to monitor animal behavior, feed intake, and health parameters. These technologies help farmers detect early signs of stress, enabling timely interventions and better management decisions.

CEDSI also facilitates knowledge exchange platforms, where farmers can share their experiences, challenges, and success stories related to stress management. These platforms provide valuable insights and encourage the adoption of best practices among dairy farmers.

Conclusion:

Stress management is a crucial factor in enhancing milk productivity and ensuring the well-being of dairy animals. With CEDSI's support, Indian farmers can access the necessary knowledge, resources, and guidance to effectively manage stressors and create a low-stress environment on their farms. By implementing stress reduction strategies, optimizing nutrition and health management, and utilizing advanced technologies, farmers can minimize the negative impacts of stress, improve milk production, and contribute to the overall sustainability of the dairy industry in India. CEDSI's commitment to promoting stress management practices underscores its dedication to empowering farmers and fostering a thriving and productive dairy sector.

Announcement

Skill Training Program for Primary Milk Producers in Rajasthan by CEDSI!

CEDSI is thrilled to announce an exclusive Skill Training Program aimed at empowering primary milk producers in Rajasthan. Affiliated dairy and milk producer associations have a unique opportunity to provide their members with comprehensive 3-day training covering end-to-end dairy farming and animal husbandry practices. The program will cover essential topics such as cattle breeds, feed management, animal health, breeding, milk quality, and farm management, among others. Participants will gain in-depth knowledge and practical skills to enhance their dairy operations.

Moreover, milk producers will undergo assessment and receive a formal certification upon successful completion of the program. This certification will serve as a recognized credential, aiding them in expanding their dairy business and building trust among stakeholders.

CEDSI will bear the program expenses, while affiliated dairies or producer associations will arrange the training venue, participants, and training aids. Each batch can accommodate a maximum of 25-30 farmers, ensuring personalized attention and focused learning. Two batches can be organized to cater to a larger number of milk producers. If your dairy or producer association is interested in uplifting and empowering your affiliated milk producers through this skill training program, don't miss this opportunity!

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

Who Can Become a Member -



Who are we ?

“The Centre of Excellence for Dairy Skills in India (CEDSI)” an autonomous institution working under the aegis of the Agriculture Skill Council of India (ASCI) under the Ministry of Skill Development & Entrepreneurship, to help the empowerment and betterment of Livelihood of farmers, wage workers, and other stakeholders in the Dairy value chain.

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.

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