



"From the Director's Desk"

I am delighted to share the June 2026 edition of GoaTech e-Times, featuring ICAR–Central Institute for Research on Goats' continued efforts in research, innovation, technology dissemination, and farmer empowerment. This edition highlights our initiatives in women-led goat entrepreneurship, sustainable agriculture under the Khet Bachao Abhiyan, farmer outreach programmes, climate-smart technologies, value addition, and collaborations with various organizations to strengthen the goat sector and improve rural livelihoods. We remain committed for developing practical, science-based solutions that benefit farmers, entrepreneurs, and other stakeholders while promoting sustainable and profitable goat farming across the country. I sincerely appreciate the dedicated efforts of our scientists, staff, and all progressive farmers who continue to support the Institute's mission. I hope this edition of GoaTech e-Times serves as a valuable source of knowledge and inspiration for all our readers.

With best wishes
Dr. Manish Kr. Chatli

HIGHLIGHTS

1 JUN 26 Director, ICAR-CIRG Highlights the Nutritional and Economic Significance of Goat Milk on World Milk Day

On the occasion of World Milk Day 2026 on 1st June, Dr. Manish Kumar Chatli, Director, ICAR-CIRG, conveyed his greetings to livestock farmers and stakeholders while highlighting the nutritional and economic importance of milk. Referring to this year's theme: "Celebrating Women Farmers", he emphasized the role of milk in nutrition, economic development and also acknowledged the invaluable contribution of women to the livestock and dairy sectors. The Director informed that India is the world's largest producer of

goat milk, with an annual production of approximately 8.2 million tonnes, and highlighted goat milk as a highly nutritious and easily digestible food, particularly beneficial for children and individuals with milk allergies due to the absence of Alpha-S1 casein protein. Rich in essential minerals and possessing superior digestibility, goat milk offers significant health benefits and contributes to improved immunity. He encouraged consumers to include goat milk in their daily diet, stating that increased adoption would not only promote better health but also enhance livelihoods of goat-rearing farmers by creating greater demand for goat milk and other products.



"Promoting goat milk is not only an investment in better health but also a step towards strengthening the livelihoods of goat farmers and achieving sustainable livestock development."

— Dr. Manish Kumar Chatli

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17-18 JUN 26 ICAR-CIRG showcases Innovative Goat Technologies at UP Small Livestock Conclave 2026

ICAR-CIRG showcased its cutting-edge goat production and value-addition technologies at the UP-Small Livestock Conclave 2026, held on 17th–18th June 2026 at Indira Gandhi Pratishthan, Lucknow organised by UP government. The Institute's exhibition stall attracted the attention of farmers, entrepreneurs, researchers, and policymakers, highlighting innovations in goat breeding, health management, nutrition, value added products, and

livelihood enhancement. Shri Dharmpal Singh, Hon'ble Minister for Livestock & Dairy Development, Government of U.P. along with Mr Mukesh Kumar Meshram, Principal Secretary (AHD), U.P., visited the ICAR-CIRG stall and appreciated the Institute's sustained efforts in developing farmer-centric technologies for the upliftment of goat farmers and strengthening the goat sector. The exhibition provided an important platform for promoting scientific goat farming and facilitating the transfer of technologies to stakeholders across the state and thus enhancing the outreach of the institute.



18
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Driving Innovation in Goat Farming: DAHD Secretary Reviews ICAR-CIRG's Research and Technology Initiatives

Shri Naresh Pal Gangwar, IAS, Secretary, Department of Animal Husbandry and Dairying (DAHD), Government of India, visited ICAR-CIRG, on 18th June, 2026 to review the Institute's research activities, progressive projects, and technological innovations in the goat sector. During his visit, he toured the Institute's goat farms and research facilities and was briefed on ongoing programmes related to genetic improvement, animal health, nutrition, reproduction, and technology development. Interacting with scientists and technical officers, he appreciated ICAR-CIRG's significant contribution to strengthening the livestock sector through research-driven technologies and emphasized the need to accelerate technology transfer for greater outreach among farmers. During a podcast interaction, he encouraged farmers to adopt scientific goat farming as a sustainable enterprise for enhancing rural livelihoods and income. The visit concluded with a comprehensive

"Scientific goat farming has the potential to transform rural livelihoods by creating sustainable income and employment opportunities. The innovative technologies developed by ICAR-CIRG must effectively reach farmers to strengthen the livestock sector and contribute to inclusive rural prosperity."

— Shri Naresh Pal Gangwar,
IAS, Secretary, DAHD, Govt. of India

presentation by Dr. Manish Kumar Chatli, Director highlighting the Institute's major achievements, ongoing research initiatives, and future roadmap for advancing sustainable and profitable goat farming in India.



20
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PM-KISAN Programme Highlights Farmer Welfare and Scientific Goat Farming at ICAR-CIRG

Farmer welfare and technology outreach took centre stage at ICAR-CIRG, during the live telecast at CIRG LED screen of the national programme marking the release of the 23rd installment of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) by Hon'ble Prime Minister Shri Narendra Modi. Under this tranche, Prime Minister Narendra Modi disbursed ₹18,880 crore, providing ₹2,000 directly into the bank accounts of over 9.44 crore eligible farmers via Direct Benefit Transfer (DBT). The event witnessed enthusiastic participation from farmers and was graced by Prof. S. P. Singh Baghel, Hon'ble Minister of State, who highlighted

the significance of the PM-KISAN scheme and encouraged farmers to avail themselves of various Government of India initiatives for agricultural and livestock development. During his visit, the Minister toured the Institute's 'GoaTalk' Podcast Room, a unique platform for disseminating scientific knowledge on goat farming, and the 'Ajapari' Mobile Service Vehicle, an innovative extension initiative delivering research-based technologies and advisory services directly to farmers at their doorstep. Appreciating these farmer-centric initiatives, he emphasized their role in strengthening technology transfer and improving rural livelihoods. Dr. Manish Kumar Chatli, Director, ICAR-CIRG, described PM-KISAN SAMMAN NIDHI YOJANA as a transformative initiative for enhancing farmers' economic security and encouraged farmers to integrate scientific goat farming with agriculture as a sustainable pathway to increased income and livelihood resilience.



24
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Empowering Women through Goat Entrepreneurship: ICAR-CIRG Hosts National Workshop for Inclusive Rural Prosperity

ICAR -CIRG successfully organized a National Workshop on "Advancing Women-Led Goat Enterprises for Inclusive Rural Prosperity" on 24th June bringing together more than 150 progressive women goat farmers and representatives from 17 leading organizations, including Reliance Foundation, Tata

Trust, Lupin, Manjari Foundation, GIZ and other development partners, to deliberate on strengthening women-led goat enterprises. The workshop was inaugurated by Dr. Abhijit Mitra, Vice-Chancellor, DUVASU, Mathura, while Dr. H.K. Narula, Assistant Director General (AP&B), ICAR, attended as the Guest of Honour. The programme commenced with the traditional Jal Bhara ceremony and the release of several ICAR-CIRG publications, including Ajamukh, GoATech e-Times, CIRG Technology Inventory, CIRG at a Glance, and the technical handbook "Goat Husbandry: Science, Management and Entrepreneurship". In his keynote address, Dr.

Manish Kumar Chatli, Director, ICAR-CIRG, informed about the development of four model goat villages aimed at providing women goat farmers with end-to-end value chain support and emphasized the importance of the Government of India's "Khet Bachao Abhiyan", encouraging farmers to adopt organic farming practices, green manures, and judicious use of chemical pesticides. Technical sessions focused on technologies for women-led goat enterprises, farmer success stories, challenges, and CSR support for the goat sector, with active participation from scientists, NGOs, FPOs,

and industry representatives. The workshop also highlighted the need for Goat Producer Organizations (GPOs), digital marketing, access to Kisan Credit Cards (KCC) and livestock insurance, and stronger market linkages to enhance women's entrepreneurship. Progressive women entrepreneurs were felicitated for their outstanding contributions, and the recommendations emerging from the workshop will be shared with state governments to support future policy formulation for the sustainable development of the goat sector.



30
JUN
26

ICAR-CIRG Launches Mega Awareness Drive on Khet Bachao Abhiyan under Mera Gaon Mera Gaurav Initiative

As part of the nationwide Khet Bachao Abhiyan launched by the Government of India to promote sustainable agriculture and the balanced use of fertilizers, ICAR-CIRG organized a Mega Awareness Programme on 30th June 2026 at Village Nagla Rithali, Baldeo Block, Mathura, under the Mera Gaon Mera Gaurav (MGMG) programme. The campaign conducted throughout June 2026 as a month-long national initiative, aims to create awareness among farmers on soil health management, balanced fertilizer application, green manuring, organic nutrient sources, and sustainable agricultural practices. Under the MGMG programme the institute covers 40 villages across Mathura district through eight multidisciplinary teams that reached to around 4000 farmers which regularly disseminated scientific technologies and advisories to farming communities. The closing programme was organized under the guidance of Dr. Manish Kumar Chatli, Director, ICAR-CIRG, and witnessed the enthusiastic participation of 180 farmers, including 150 women and 30 men. Farmers were sensitized on balanced fertilizer use, soil nutrient management, green manuring, and

"Healthy soil is the foundation of sustainable agriculture. By adopting balanced fertilizer use, green manuring, and integrating livestock resources such as goat manure, farmers can enhance soil fertility, improve productivity, and ensure long-term agricultural sustainability."

— Dr. Manish Kumar Chatli

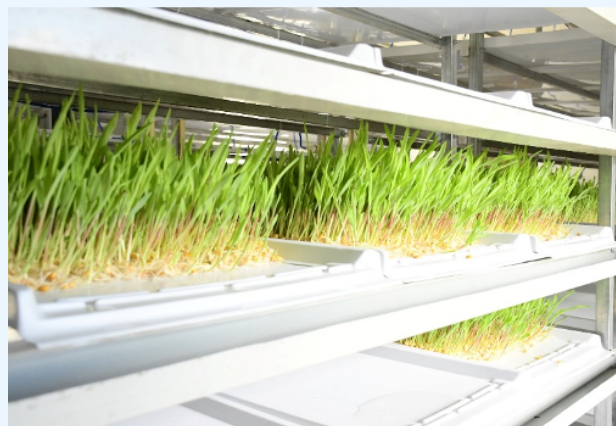
the effective utilization of goat manure to improve soil fertility and crop productivity. On the occasion, the Institute also distributed copies of its technical publication "Scientific Goat Farming" and goat milk-based soap to promote scientific goat husbandry and value-added goat products. The programme reflects ICAR-CIRG's continued commitment to promoting sustainable agriculture, integrated crop-livestock farming, and technology dissemination at the grassroots level.



RESEARCH INSIGHTS

JUN 26 Technology in Action: IoT-Powered Hydroponic Fodder Production at ICAR-CIRG

In a significant step towards modernizing fodder production for the livestock sector, ICAR-Central Institute for Research on Goats (ICAR-CIRG), Makhdoom, Mathura, has established an Advanced IoT-Enabled Hydroponic Fodder Production Unit. The state-of-the-art facility integrates hydroponic cultivation with Internet of Things (IoT)-based environmental monitoring to ensure a year-round supply of fresh green fodder for goats while demonstrating climate-smart fodder production technologies to farmers. Designed for efficient fodder cultivation under controlled microclimatic conditions, the unit is particularly beneficial in land-scarce regions. It comprises 10 Vertical Multi-Tier (VMT) units with a total of 420 trays, supported by a dedicated germination chamber and an IoT-based monitoring system that continuously monitors temperature and humidity to optimize crop growth. Currently, maize fodder is harvested on the eighth ninth day and directly fed to goats. The facility also includes a Growth Logistics Center (GLC) for efficient management of seed germination, tray scheduling, and resource utilization. With a production capacity of approximately 500 kg of fresh green fodder per day, the



hydroponic system offers a sustainable, water-efficient, and high-density solution for quality fodder production, while serving as a valuable demonstration and training centre for farmers, entrepreneurs, and other stakeholders in the livestock sector.

EVENTS

5 JUN 26 Tree Plantation Drive at Central Institute for Research on Goats, Makhdoom, on World Environment Day 2026

On the occasion of World Environment Day 2026, ICAR-CIRG organized a tree plantation drive to promote environmental conservation and sustainable development. Led by Dr. Manish Kumar Chatli, Director, ICAR-CIRG, scientists, technical, administrative, finance, and support staff actively participated in planting trees and pledged to protect the environment. The Director emphasized that environmental conservation is a shared responsibility and urged everyone to adopt eco-friendly practices such as tree plantation, water conservation, reduced plastic use, and sustainable living to ensure a cleaner and greener future.



8 JUN 26 ICAR-CIRG Signs MoU with K.P. Institute of Medical Sciences for Cashless Healthcare

In a major employee welfare initiative, ICAR-CIRG Mathura, signed a Memorandum of Understanding (MoU) with K.P. Institute of Medical Sciences, Agra, on 8th June to provide cashless healthcare services to its employees and their dependent family members under CGHS/CS(MA) rules. The MoU was signed in the presence of Dr. Manish Kumar Chatli, Director, ICAR-CIRG, along with representatives from K.P. Institute of Medical Sciences. The initiative aims to ensure timely access to quality medical care while reducing the financial burden of immediate treatment expenses, reinforcing the Institute's commitment to employee health and well-being.



21
JUN
26

Three-Day Yoga Camp at ICAR-CIRG Inspires Wellness and Healthy Ageing

ICAR-CIRG organized a three-day Yoga Camp in observance of the International Day of Yoga 2026, to be celebrated on 21st June under the global theme "Yoga for Healthy Ageing." As part of the programme, a yoga session was held on 21st June, with enthusiastic participation from the Director, scientists, officers, and staff members. The participants performed various yoga asanas and breathing exercises, highlighting the role of yoga in promoting physical fitness, mental well-being, and healthy ageing. The programme reinforced the importance of adopting yoga as a regular practice for leading a healthier and more balanced life.



30
JUN
26

CIRG Strengthens Official Language Implementation through Hindi Workshop and Committee Meeting

ICAR-CIRG successfully organized the First Quarterly Meeting of the Official Language Implementation Committee for the financial year 2026-27, along with a Hindi Workshop, on 30th June. Shri Deepak Shah, Member Secretary, Town Official Language Implementation Committee (NARAKAS), Mathura, graced the event as the Guest of Honour. In his address, the Director, ICAR-CIRG, highlighted the Institute's continuous efforts to promote the use of Hindi in administrative and scientific activities.

Shri Deepak Shah elaborated on the provisions of the Official Language Policy and encouraged participants. To leverage modern digital tools for effective Hindi implementation. During the workshop, Smt. Renu Pathak, Assistant Director (Official Language), emphasized the use of simple, practical, and user-friendly Hindi in official work and shared effective approaches to achieve the targets of the Annual Official Language Programme and comply with the provisions of Section 3(3) of the Official Language Act, 1963. The programme concluded with a collective pledge by the officers and staff to further strengthen the use of Hindi in day-to-day official functioning.



July-August Advisory for Goat Farmers

- ✓ Provide special care and balanced nutrition to lactating and pregnant goats.
- ✓ Check goats for internal parasites through fecal examination and deworm as advised by a veterinarian.
- ✓ Record the body weight of 9- and 12-month-old kids in the farm register.
- ✓ Keep goats away from waterlogged areas, maintain dry sheds, and apply lime weekly to ensure proper sanitation.
- ✓ Sow rainy-season fodder crops such as cowpea, pearl millet, sorghum, and maize, and always feed dry roughage along with succulent green fodder to prevent digestive disorders.

Publications Released

- Empowering Farmers through Knowledge:**
ICAR-CIRG released a series of publications to promote scientific goat farming, entrepreneurship, and technology dissemination:
- CIRG Technology Inventory for Entrepreneurs
 - CIRG at a Glance
 - Success Stories of Goat Farmers
 - Goat Husbandry: Science, Management and Entrepreneurship
 - Ajamukh
 - GoaTech e-Times



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