



Rajasthan's First Sex-Sorted Semen Lab for Cattle

Why in News?

Rajasthan's first sex-sorted semen lab for cattle was inaugurated by Dairy Minister Joraram Kumawat on 11th August 2025 at Bassi, Jaipur, and aims to enhance livestock quality, breed improvement, and [milk production](#) in the state.

Key Points

- **Operation:** The lab will operate under the **Rajasthan Cooperative Dairy Federation (RCDF)** with support from the [National Dairy Development Board \(NDDB\)](#), based in Anand, Gujarat.
 - A tripartite Memorandum of Understanding (MoU) was signed by RCDF, **Rajasthan Livestock Development Board (RLDB)**, and NDDB Dairy Services (NDS) for the management and operation of the Bassi Semen Station.
 - The MoU aims to enhance the production and supply of both **conventional and sex-sorted semen** doses for artificial insemination in Rajasthan.
- **Purpose & Impact:** The lab aims to **enhance cattle genetics** for improved milk production in the region by providing livestock farmers with affordable, high-quality semen doses for artificial insemination.
- **Production and Pricing:** The annual production capacity is **10 lakh doses of semen**, with varying pricing based on sex-sorted, indigenous conventional, and imported breed semen, and extra doses may be sold to other agencies at market rates.
- **Significance:** The Bassi Semen Station is set to become a key resource in Rajasthan, not only for semen production but also as an **educational and support center for livestock farmers**, driving forward both the **economic and environmental goals** of the [dairy industry](#) in the region.

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