

Trout Milt Cryopreservation and Seed Production in Uttarakhand Trout Farms: Hands-on training and demonstration by ICAR-NBFGR

Uttarakhand, 22.01.2024

The ICAR-National Bureau of Fish Genetic Resources, Lucknow, conducted a specialised Hands-on training and demonstration programme on "Trout Milt Cryopreservation and Commercial Seed Production using Cryopreserved Milt" for officials from the Uttarakhand fisheries department and local trout farmers from 13-22 January 2024. This initiative was undertaken by a team Dr. Santosh Kumar and Dr. Monika Gupta, Scientists, under the guidance of Dr. Uttam Kumar Sarkar, Director, ICAR-NBFGR. Throughout 10-day training sessions, expert team delivered in-depth lectures and practical demonstrations at various trout hatcheries and farms in Uttarakhand, including Bairangna, Lvani, Ladhali (Chamoli), and the Trout Broodbank in Dharkudi, Rudraprayag. The programme's primary focus was addressing the challenge of asynchronous maturation in trout, where many farms reported the availability of ripe females but a lack of mature males. The solution provided was the innovative use of milt cryopreservation. The successful implementation of milt cryopreservation is expected to greatly enhance trout seed production in Uttarakhand. Furthermore, plans are underway to establish a trout cryo-bank, which will serve as a valuable resource for trout seed producers, ensuring a more sustainable and efficient trout farming.

