BusinessLine

23 June 2026

CMFRI conducts community awareness against indiscriminate use of chemical fertilizers



The ICAR-Central Marine Fisheries Research Institute (CMFRI) has carried out a community awareness initiative against growing threats of excessive and indiscriminate use of chemical fertilizers. As part of the nationwide Khet Bachao Abhiyan, experts advocated balanced use of fertilizer and take up natural farming practices.

In an awareness drive attended by more than 200 farmers, scientists explained how over dependence on chemical fertilizers causes disturbance in nutrient balance and affect soil health. Excessive fertilizer application contributes to water and air pollution, greenhouse gas emissions and ecological degradation, said Karthika K S, senior scientist and soil expert at CMFRI. Integrating fisheries innovations, CMFRI demonstrated a range of indigenous technologies including, seaweed-based bio-fertilzers and bio-stimulants, organic manure fertilizer produced from fish waste and black soldier fly (BSF)-based solutions for recycling biological resources.