

Induced spawning experiment of greasy grouper at Visakhapatnam Regional Centre

A spawning experiment of greasy grouper, *Epinephelus tauvina* was conducted in the mariculture hatchery of Visakhapatnam Regional Centre, CMFRI.



Experimental pair for induced spawning experiment

A matured female of 4.0 kg with ova dia 400 – 450 μ from the open sea floating cage off Visakhapatnam and sex reversed male of 4.5 kg from the hatchery were used for the experiment. The experimental pair of grouper was given split doses of HCG and LHRH injection for 5 consecutive days starting from 19 NOV 2010. On 24 NOV 2010 morning (24 hrs after LHRH injection) spawning was achieved with floating fertilized eggs. The egg development continued up to 13th stage (early gastrula). Further the egg development was ceased due to some unfavourable water quality parameters. Precautions are being taken for successful repetition of spawning experiments.