

Successive breeding of Cobia and larval production at Mandapam Regional Centre of CMFRI

In continuation to the first five successful breeding of cobia, sixth successful spawning and larval production was achieved at Mandapam Regional Centre of CMFRI on 14th March 2012. Here the males employed were weighing around 18 kg and 19 kg respectively. The

female employed was around 30 kg. On 12th March 2012, the selected brooders were introduced in to a 100 ton cement tank. The brooders were induced with human chorionic gonadotropin (hCG) at doses of 500 IU per kg body weight for female and 250 IU per kg body weight for males. Spawning was observed at the early hours on 14th March 2012. The total eggs spawned were estimated to be six lakhs and about 50 % fertilization was recorded. The eggs were collected by a 500 μ mesh and stocked in incubation tanks at varying densities. The eggs hatched after 18-24 hours of incubation at a temperature range of 28-30°C. The larvae as on 26.04.2012 are 44 days old and reached the average length and weight of 9.3cm and 2.56g respectively.

Transportation of Cobia and Pompano fingerlings to Andhra Pradesh farm

On 28th April 2012, 6000 fingerlings of Cobia with the average length of 9.3 cm were successfully transported from Mandapam Regional Centre of CMFRI to the farm at Komaragiripatnam and Kalipatnam villages of Andhra Pradesh for demonstration.

*(Reported by
G. Gopakumar,
A. K. Abdul Nazar,
R. Jayakumar, G. Tamilmani,
M. Sakthivel,
C. Kalidas,
P. Ramesh Kumar & Johnson B.
Mandapam Regional Centre)*