

Spawn /Egg collection tank:

Rectangular shape, made from virgin food grade FRP, provided with necessary inlets & outlets, smooth gel coat finish from inside. Thickness: 4.0 mm. Size: 1.0m x 0.75 x 0.75.

Over head tank and shed:

An overhead tank at a height of 4 meter and a capacity of 1200 liters of water is constructed. A shed of length of 27 feet and breadth of 14 feet is constructed in which hatchery is setup.



The indigenous fish brooders of *Labeo rohita* were collected from nearby Kumrambimu dam in Kerameri mandal for breeding purpose. Thrice the breeding process was accomplished at Kerameri hatchery and around 30,000 spawns and finally after mortality 10,000 fingerlings of *Labeo rohita* were achieved. These fingerlings were then distributed in kerameri mandal to yosuf, dastagiri and kusum Rao, in bheemini mandal to madhav the fish beneficiaries of NAIP project. The beneficiaries were also simultaneously trained for hatchery maintenance and breeding techniques. After nine months the present weight of fish ranges from 250 grams to 1 kg.



SUCCESS STORY

FISH COMPONENT

Harmonizing biodiversity conservation and agricultural intensification through integration of plant, animal and fish genetic resources for livelihood security in fragile ecosystems.

Component- 3

NAIP -ICAR

A.P. STATE BIODIVERSITY BOARD
HYDERABAD



In the NAIP project "Harmonizing biodiversity conservation and agricultural intensification through integration of plant, animal and fish genetic resources for livelihood security in fragile ecosystems" at three districts of India, namely Chamba (Himachal Pradesh), Udaipur (Rajasthan) and Adilabad (Andhra Pradesh)

In Adilabad District of Andhra Pradesh four mandals have been selected namely Khanapur, Kerameri, Indervelly and Bheemini. In these selected mandals for the breeding of fish and its propagation fish hatcheries have been set up namely at Pembi Khanapur mandal, Jheri Kerameri mandal and easgaon Bheemini mandal.

The hatchery consists of circular breeding pool, hatching pool, overhead tank and shed.

Circular breeding pool:

Circular breeding pool: Made from virgin food grade FRP, provided with necessary inlets and outlet, shower and arrangement for water circulation. The pool has a smooth gel coat finish from inside provided with slight conical bottom & flow control mechanism. Thickness: 5.0 mm, Diameter of the pool: 2.10 meter. Height: 1.00 meter.

Circular Incubation / Hatching pool:

Made from virgin food grade FRP, provided with necessary inlets and outlet, shower and arrangement for water circulation.

The pool has a smooth gel coat finish from inside. Provided with a slight cylindrical frame with filter cloth of fine mesh (Inner hatching happa).

Thickness: 5.00 mm, Height: 1.00 meter, Diameter of the pool: 1.40 meter.

