

First time in Gujarat – AAU brought and install the “Portable Fiber Reinforce Plastic Carp Hatchery”

First time ever in Gujarat, Inland Fisheries Training cum Demonstration Centre, Anand Agricultural University has brought Portable FRP Carp Hatchery from Central Institute of Freshwater Aquaculture (CIFA), ICAR, Bhubaneswar for demonstrate the new technology of fish seed production amongst fish farmers of middle Gujarat.

With the permission of Hon. Vice Chancellor, Anand Agricultural University, Anand and Commissioner of Fisheries, Government of Gujarat, Fisheries Department, Gandhinagar, the fisheries scientists of A.A.U. have installed FRP carp hatchery at Fish Seed Farm, Govt of Guj., Lingda. The infrastructure facilities and fish breeders have been provided by fisheries department.

First cemented circular carp hatchery in Gujarat was established at Lingada fish seed farm (24 km far from Anand) during 1984-85 and after 26 year history repeated as first time in Gujarat, Portable FRP carp hatchery has been installed as well as successfully performed during this breeding season (2012-13). Breeding of Rohu and Mrigal were successfully taken placed, first batch of 10 kg of rohu breeders were kept (after 'ovatide' hormone injection) in breeding tank, after seven hours at mid night 1.00 am, breeding take place and almost five lakh of fertilized egg collected from Portable FRP carp hatchery. Scientist who have work hard to install Portable FRP carp hatchery and make it in function are Dr.Ritesh V Borichangar, Asst Prof (Fisheries), Inland Fisheries Training cum Demonstration Centre (IFTC), AAU, Anand, Prof. Jaimin H Bhatt, Subject Matter Specialist (Fisheries), KVK, AAU, Devataj, Dr.Subhash Sarkar, Scientist, CIFA, ICAR, Anand and Dr. Manish R Dabhi, SRA, IFTC, AAU, Anand.

Training on Portable FRP carp hatchery as well as fish farmer exposure tour to lingada has been arranged by the KVK, AAU, Devataj. Fish farmers who brought fish seed from lingada also observed the Portable FRP carp hatchery.

Dr. A. M. Shekh, Hon. Vice Chancellor, AAU, Anand, Dr. K. B. Kathiria, Director of Research, Dr. P. P. Patel, Director of Extension Education, Dr. A. M. Thaker, Dean, Veterinary Science, Officials of AAU, Shri N. R. Patel, I/c, Deputy Commissioner, Fisheries Department, Gandhinagar and Dean, College of Fisheries, JAU also congratulate and appreciated for triumphant achievement.

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Breeding tank with Egg/Spawn collection tank



Hatching tank

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Next day hatchling Observation



Dr P. P. Patel, Director of Extension Education, AAU, Anand and Dr V. R. Boghara, ADE, AAU - Spawn observing

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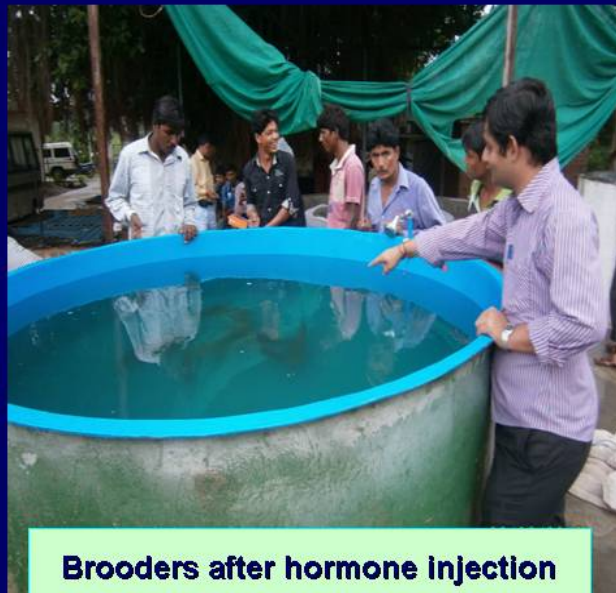


Ovatide (Hormonal Injection)

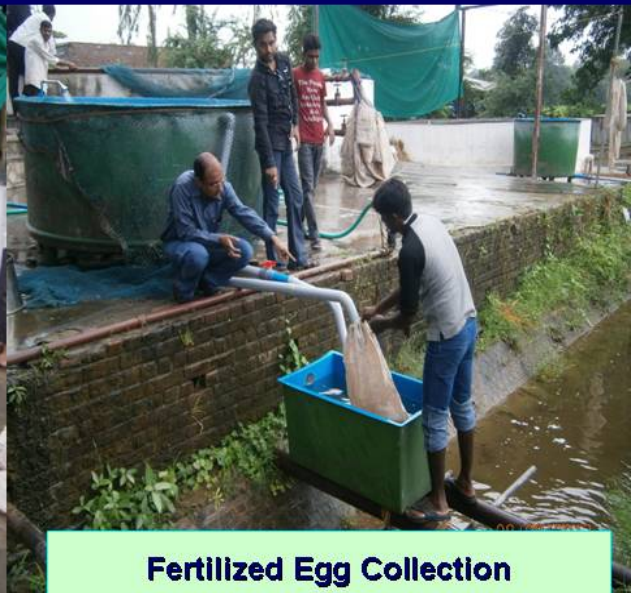


Brooder (Rohu) Kept in to breeding tank – 2 kg of female (10 kg) + above 1.5 kg of male (5 nos) – 8kg

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Brooders after hormone injection



Fertilized Egg Collection

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Demonstration and Fish Farmers Exposure visit from KVK, AAU, Devataj and IFTC, AAU, Anand

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For automatic egg collection
Intervention made by AAU, Fisheries
Scientists – Reinstallation of FRP carp
hatchery



Explain about intervention to ADE,
AAU, Anand