

PISCICULTURE - 400



FEATURES

- State of the art well protected and Weather independent structure
- Cladding- PC sheets, Side covering- Polyfilm
- Light for illumination
- Boiler for warming fish pond water
- Water filtration system
- Dissolved Oxygen meter
- Oxygen Cylinders for packing
- Complete civil, electrical and sanitary Work

Appropriate feed for fish seed is prepared in the associated food storage tanks. Such facility promises the timely availability of fingerling to fish farmers and confers good returns to them.

COMPONENTS:

- Stocking Pond
- Spawning pool
- Spawn collection tank
- Incubation and hatching tanks
- Larval Rearing Tanks
- Zooplanktons culture units
- Food Storage and Processing Tanks

CONTROLLED ENVIRONMENT PISCICULTURE 400 FACILITY FOR OPTIMUM FISH FINGERLING PRODUCTION

Production and timely supply of quality fish seed is commercially important for rapid expansion and growth of fish production. Conventional methods for seed production have many limitations. 'Saveer's Pisciculture Facility' ensures optimum and rapid growth of fish nursing year around in the shortest possible time. Such facility provides controlled environment conditions with desired dissolved oxygen, temperature and pH at each level and makes it possible for controlled treatment of the hormones etc. of the nursing which is not possible in the natural environment in ponds, reservoirs etc. The fish farmer can obtain adequate number of young fish in the desired season to meet his production goals.

Conventional Constraints

- Fingerlings are available during a limited period of the year.
- Uncertainty in timely seed supply.
- Seeds collected from natural habitat are not as pure as desired.
- Reduced viability of fish seed in natural habitat due to rough environmental conditions, predatory plankton, insects, frogs, snakes, birds etc.
- Few eggs can reach the fingerling size as mortality occurs due to inappropriate feed, level of contamination in water and transportation.
- Highly priced fish seed reach to the small fish farmers.

Significance of Saveer Pisciculture facility

1. Enhanced recovery of fish fry to the minimum of 60% is achieved which can go up to 90%, under traditional method it is about 10%.
2. Out of season fingerling production that offers consistent supply.
3. Genetic improvement can be achieved to improve the quality and yield of farmed species.
4. Damage due to the predators which is more at nursing stage is avoided.
5. It reduces dependence on wild caught juveniles.
6. Small area caters to the need of the large number of fish farmers as productivity is intensive.

'Pisciculture Facility' is customized as per the desired capacity and the type of the variety to be used. As a thumb rule 40,000 to 60,000 finger lings can be produced in one cycle of about 3 months from 1 lakh spawn initially from an area of 1m³.



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