

P4. Eradication of Predatory fishes

AIM- To eradicate the predatory fish from existing pond for stocking.

Principle

Predatory fish prey upon the spawn, fry and fingerlings of carps and the weed fish compete with carp for food, space and oxygen. Therefore predatory and weed fish should be completely eradicated from nursery, rearing and stocking ponds before these ponds are stocked.

Procedures

1. Initially predatory fishes present in the ponds are harvested by netting.
2. If possible, drain the water completely and disinfect the pond bottom with suitable disinfectant.
3. However, where it is not possible, the pond should be treated with fish poison at the rate given in the table.

Calculation of dose

The required quantity of poison can be calculated using the following formulae.

For rectangular ponds:

= Required amount of poison in kg.

For circular ponds:

1. = Required amount of poison in kg

Poison	Dose (kg/ha/m)
Bleaching powder	350 – 500
Mohua oil cake	2 500
Anhydrous ammonia	20 – 30
Powdered seed of <u>Croton tiglium</u>	30 – 50
Root powder of <u>Milletia pachycarpa</u>	40 – 50

Seed powder of <u>Milletia piecidia</u>	40 – 50
Seed powder of <u>Barringtonia acutanqula</u>	150
Seed meal of tamarind (<u>Tamarindus indica</u>)	1 750 –2 000
Tea seed cake (<u>Camellia sinensis</u>) [*]	750