



Basic Fish Propagation and Hatchery Management



**Operate Your Own Hatchery
Produce Fingerlings
Sell Fingerlings to Farmers
Eat Fish Every Day!**

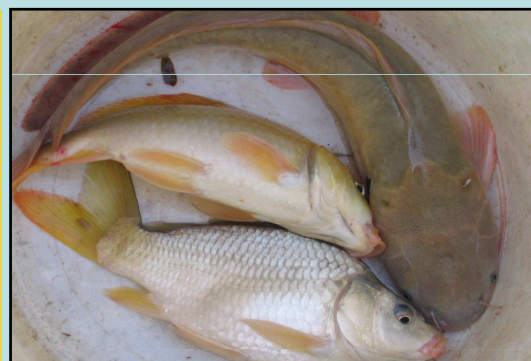
An ATSP "Agriculture Productivity" Services Opportunity

Basic Fish Propagation and Hatchery Operation Training

Services Overview

Farmers are provided farmer field school training on basic fish propagation techniques using common fish varieties in high demand in the community. Part of the training is the construction and operation of a local fish hatchery.

Farmers in this course learn about the physiology of fish, how to propagate the most common fish species, basic fingerling rearing techniques and how to build and operate a hatchery by the farmer group. This training is often done in unison with fish aquaculture or rice fish training. This is a 2 month training including a 6-day residential component.



Training Agenda Topics

- Fish physiology with focus on reproduction system
- Spawning techniques of common fish species
- Hatchery design and construction (practical)
- Fingerling rearing techniques
- Fingerling transportation
- Marketing

ATSA Training Personnel

Services are provided by a network of more than 500 District-based expert trainers in collaboration with Department of Fisheries colleagues lead this exciting course. Trainers are provided technical and training backup by central ATSA staff with International experience in IPM and FFS who help tailor and update course content.

Expected Outputs

1. Locally built and operated fish hatchery capable of producing up to 1,000,000 fingerlings per year.
2. Local supply of a variety of fish fingerlings
3. Knowledge of spawning techniques for common fish species
4. Knowledge on how to prepare and transport fingerlings to local area farms.
5. Farmers know where to access necessary inputs and advice for fish spawning.

Costs

Cost for this service is \$1650 for 20-40 farmers including hatchery. Courses can be adjusted to fit local budget and time considerations.

Contacts

Agriculture Technology Services Association
No. 14, Monireth Blvd,
Toul Svay Prey II, Chamkar Morn,
Phnom Penh, POB 2483
Tel/Fax: (855) 23 720 485/012 696 069
E-mail: atskh@online.com.kh

