



STAC

SEPANG TODAY AQUACULTURE CENTRE

(0031400-X)

# Bull Frog Farming Course



3 Days theory

**And**

Practical works

## Course contents:

### 1. Biology and ecology of frog

- ✚ External morphology
- ✚ Anatomy
- ✚ Life cycle

### 2. Ecosystem and pond dynamics

#### ✚ Factors affecting the ecosystem:

- a. Chemical factors:  
pH, D.O, alkalinity, H<sub>2</sub>S, soluble iron, ammonia, nitrite and methane gas.
- b. Biological factors:  
Plankton in tadpole pond – Useful/harmful plankton, insect predators, bird, mammal pest, reptile, and etc.
- c. Physical factors:  
Temperature, rainfall, transparency, turbidity and sunlight.

#### ✚ **Balanced ecosystem**

### 3. Farm and pond design

### 4. Chemicals used in frog farming and dosage for calculation

### 5. Farming instrument application: pH meter, iron test kit, ammonia kit, microscope, and alkalinity test kit.

### 6. Feed and feeding

### 7. Daily operation management

### 8. Disease and control

### 9. Sale and cost analysis

### 10. Assessment test and course completion



■ Female brooder



■ Male brooder



■ Fertilized eggs



■ Egg of Bull-frog (Male and female brooders removed )



■ Hatched day-old larvae

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