



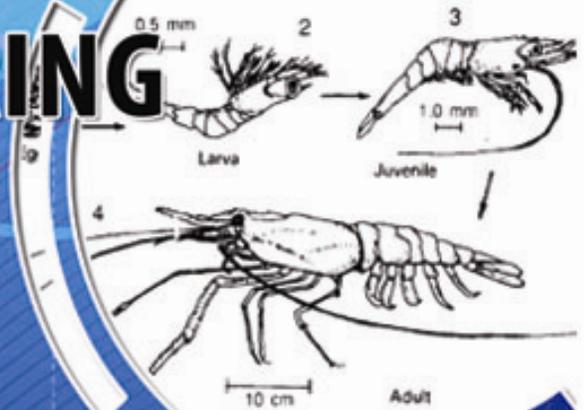
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PRAWN HATCHERING EXPERT SYSTEM (PhEs)



INTRODUCTION

Prawn Hatching Expert System (PhEs) is a system used for providing advices to the freshwater prawn's hatchery operators on handling the critical parameters in order to maintain the quality of water in the hatching and rearing tanks.

THE SCOPE OF SYSTEM

Focus on controlling and maintaining the domain parameters such as pH, oxygen, salinity and temperature level that suitable for hatching and rearing process of post larvae.

NOVELTY OF THE PRODUCT

- An expert system that provide advices to the freshwater prawn hatchery operators on handling the critical parameters of prawn hatchery.
- A knowledge base that accumulate the rules of the prawn hatchery process.

COMMERCIALIZATION POTENTIAL

- A System that provides advice on prawn *Macrobrachium Rosen bergii* (*Udang Galah*) hatchery process.
- User friendly and perpetual system for prawn hatchery industry.

ADVANTAGES

- The domain expert can use this system as a platform for contributing the human expertise.
- Allow the hatchery operators to get the necessary information at any time round the clock.
- The user can access the system more frequently.

