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## TIGER PRAWN (PENAEUS MONODON) and Vannamei GROW-OUT FARMING and Breeding TECHNICAL TRANSFER COURSE

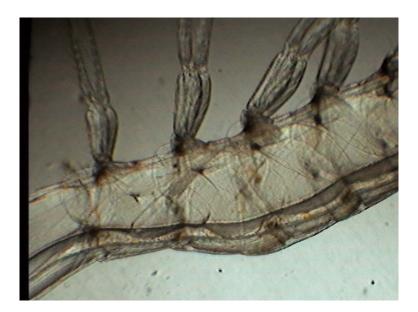
**Course Contents:** 

## Lectures on the following topics

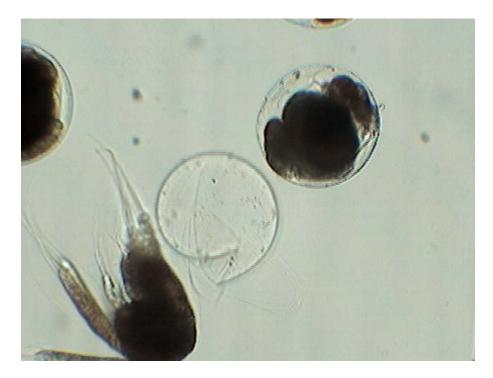
- a) Site selection and pond design
- b) Pond dynamics, water parameter, water & soil analysis.Pond ecosystem: Chemical factors, physical factors and biological factors
- c) Aquaculture chemicals & application for hatchery usages
- d) Aquaculture water filtration and disinfections for hatchery usages
- e) Feed and feeding.
- f) Biology and ecology of Tiger Prawn and Vannamei
- g) Farm operation and cost analysis.
- b) Bio-security: Prawn diseases and method of control.
  Control of diseases
  White Spot Virus and Taura syndrome
  Stress test and PCR tests
- i) Pond preparation.
- j) Stocking, harvest and sale.
- k) Latest technology in pond farming.
- I) HDPE lining pond.
- m) Application of pro-biotic bacteria.
- n) Course completion assessment test and issue of Course Completion Certificate



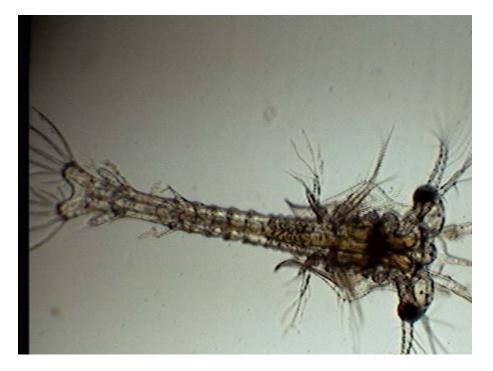
Packing of Vannamei pLs for delivery



Determination of MGR of pLs



Hatching of Vannamei fertilized eggs in progress



Zoa 3 of Vannamei larvae



Selection of berried female for spawning



Male tiger prawn with male organ at the first swimming legs



Female tiger prawn showing the female organ at the 5<sup>th</sup> pair of walking legs.