

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.
- h) 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.
- l) 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 5th pair of walking legs.