

Guidelines for culture of *Litopenaeus vannamei* in fresh water/ inland farms.

I. Guidelines for according approval for culture of SPF *Litopenaeus vannamei* in fresh water/ inland farms.

A) Registration

- Farmers who desire to culture *Litopenaeus vannamei* in fresh water / inland farms located outside the jurisdiction of Coastal Aquaculture Authority (CAA), having a water salinity of above 0.5 PPT, shall be required to register their farms with the State Fisheries Department. However, the farms located within the jurisdiction of the CAA shall register with CAA only.
- The registration should indicate the extent of land, water spread area being utilized, source of water and ownership details.
- For the purpose of registration, the State Governments/ U.T Administration shall constitute District Level Committees (DLCs).
- The State Governments/U.T Administration may fix a reasonable time not exceeding 60 days within which the applications should be disposed.

B) Inspection of farms

Inspection team authorized by the DLC shall inspect the farms and the applications shall be considered based on its recommendation regarding the suitability of the facility for farming of *L. vannamei*.

C) Stocking density and record keeping

- Stocking densities should not exceed 60no./m²
- Farmers should maintain a detailed record of the name and address of the hatchery from where the seed is procured, quantity of seed procured, water quality parameters and daily feeding data during the culture period in the prescribed format.
- Farmers should record the quantity of shrimp produced, sold and this should be reported to the State Fisheries Department in the prescribed proforma.
- Banned drugs and antibiotics should not be used (List appended)

D) Biosecurity

- All farms must establish adequate bio-security measures including crab fencing, bird-scare, separate implements for each of the ponds. If the farm is not connected to the outside water sources (rivers, canals, lakes etc.) the reservoirs need not be insisted for disinfection.
- Farms with connections to open freshwater sources like rivers or canals or lakes etc, which are geographically adjoining to brackishwater areas, irrespective of their size should have an Effluent Treatment System (ETS). The quality of treated water should conform to the standards prescribed by respective State Pollution Control Boards/ Committee.

