

Senior Aquaculture Specialist

(Shrimp Hatchery expert)

i. Description of the Job:

The main duties of the Senior Aquaculture Specialist include:

- Organization and management of the Shrimp Hatchery in JFRC and its daily operations.
- Organization and management of the *L. vanammei* SPF (Specific Pathogen Free) research project in JFRC.
- Program budgeting, design and implementation of the research work plan (for SPF program).
- Provision of scientific guidance, technical support and training to the SPF Technical Team.

More specific, the duties include:

- i. Maintenance and operation of all sections of the JFRC shrimp hatchery.
- ii. Maintenance and safeguard the wellbeing of the broodstock (feeding, application of good husbandry practices, maintaining biosecurity etc).
- iii. Monitoring and control the quality of the water in all hatchery sections.
- iv. Coordination and supervision of collection of samples for screening, follow up of laboratory results, and data analysis for the SPF project.
- v. Selection of broodstock after each generation based on SPF screening results.
- vi. Coordination with SAS head-office for timely procurement of the necessary equipment, materials, consumables etc, required for the successful operation of the SPF program.
- vii. Evaluation of performance of technical staff working in the shrimp hatchery and SPF p program.
- viii. Cooperation with all relevant staff and personnel of the JFRC site and the JFRC shrimp hatchery in particular.
- ix. Assist in preparation and organization of workshops related to SPF program.
- x. Monthly SPF program activity reporting.

ii. Minimum requirements

- University degree in marine biology, aquaculture, or aquatic veterinary sciences.
- Minimum 8 years' experience in aquaculture operations, of which at least 5 years must be in shrimp hatchery operations and management.
- A good understanding of the SPF (Specific Pathogen Free) and SPR (Specific Pathogen Resistant) principles for shrimp farming.
- A good understanding of the Biosecurity principles for shrimp farming.
- Experience in management (budgeting, reporting, personnel coordination).
- Very good oral and written communication skills in English.

iii. Reporting

The Senior Aquaculture Specialist will report directly to the Technical Manager and to the Secretary General of SAS.

Saudi Aquaculture Society

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