

GROFARM™

In the face of complex challenges such as high crop failure rates, escalating costs, pressure for environmental responsibility, and increased demands for traceability and sustainability, the shrimp industry is compelled to innovate. Responding to these hurdles, Grobest started developing the GROFARM™ model in Vietnam in 2020. This holistic approach brings together key stakeholders - from farmers and hatcheries to equipment suppliers and service providers – with the goal of helping farmers to optimise the production process.

Our GROFARM™ journey begins with a comprehensive review of existing farm infrastructure and related issues, conducted collaboratively with the farm owner, farm managers, and Grobest technical experts. The outcome of this assessment is a plan to increase profitability by mitigating the risk of failure and boosting yield. The plan emphasises biosecurity, efficiency enhancement, and traceability, all of which are crucial in modern aquaculture.



For financially strong farmers, increased stocking density can lead to higher potential profits. However, high-density shrimp farming necessitates the right infrastructure and operational practices. Effective water management, encompassing farm design, optimal rearing conditions, waste removal, and diligent monitoring of physiochemical parameters, are integral to this approach.

In just over three years, we have helped more than 690 farms successfully adopt GROFARM™, achieving an outstanding success rate of over 80%.

Implementing the GROFARM™ model involves a series of operational procedures, crucially the stocking of high-quality, disease-free Post Larvae (PL), especially when stocking at high densities.

Water treatment is also paramount in the GROFARM™ model, reducing the risk of pathogens in the pond and maintaining optimal conditions for shrimp growth. Correct feed and feeding management, adjusted to local conditions such as rainfall and temperature fluctuation, are also vital as they help manage seasonal disease risks.

Throughout the culture period, the health status of the shrimp must be consistently monitored, from stocking to nursery and the various grow-out phases. Based on these assessments, adjustments may be made to the feeding or rearing protocols. This process highlights the value of the farmer's knowledge and the supportive role of the technical team.

Ideal solution for high-tech shrimp farming in increasingly challenging conditions



The solution with **more than**

80%

of successful rate

has been applied nationwide since 2021