



RYNAN AQ-VibrioKit



Cost Effective

Enables shrimp growers to test on-site with quick results



User Friendly

Requires minimal training to test for Vibrio bacteria



AI analytics

In-app analytics and disease management recommendations

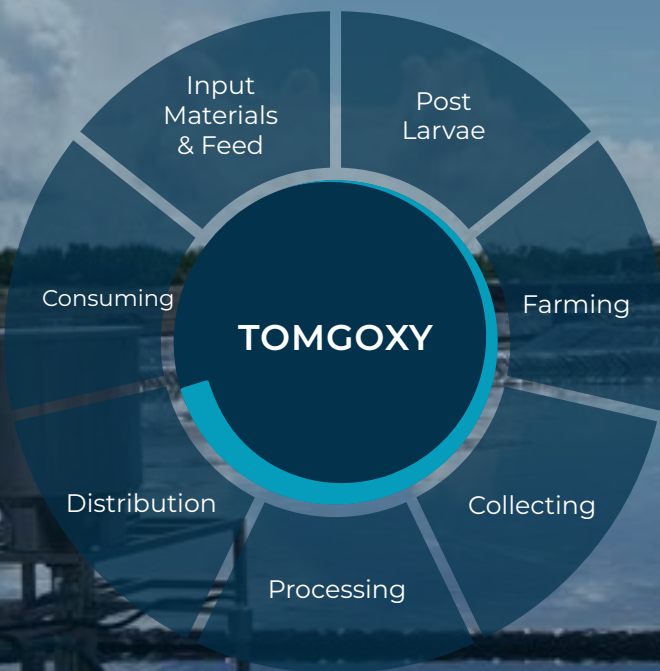
TOMGOXY



Integrated Aquaculture Network

A complete shrimp farming management platform developed by RYNAN Technologies, that combines IoT monitoring devices, and cloud services with AI-driven data analytics for precision shrimp farming.

- ✓ Advanced farm design that offers high DO levels, cost-effectiveness, and sustainable solutions..
- ✓ Integrated network of IoT devices that collect real-time water quality data;
- ✓ Mobile software to sync and monitor all real-time data with AI algorithms to analyse trends, images, and process graphs.



TOMGOXY AVAILABLE ON CONNECT

GET IT ON Google Play

Download on the App Store

Wi-Fi Bluetooth

FEATURES

- Isolates, detects and quantifies *Vibrio* spp. includes *V. parahaemolyticus*, *V. alginolyticus* and other groups of aquatic microorganisms.
- Automatically analyzes the density of vibrio bacteria in each sample and recommend disease management solutions.
- Historical tracking of data can be accessed via TOMGOXY mobile app.

INSTRUCTION OF USE

Step 1: Scan unique QR code



In app **TOMGOXY** > "Bacteria Count".
Open camera to scan QR code on RYNAN AQ-VibrioKit agar disc.

Step 2: Inject water sample



Use the attached syringe to extract 0.1 ml of the shrimp pond's water sample and inject into the middle surface of the disc.

Step 3: Spread water & incubate



Rotate and tilt the disc until the shrimp pond water sample is evenly spread out. Incubate the disc at room temperature, in dark conditions, with no direct light.

Step 4: Read result after 24 hours



Remove cover film. Point TOMGOXY app's camera to the disc for 1-5 seconds. The system will display instant results.

Step 5: Monitor the analysis



Disinfect the disc with BKC80, 20% solution after first reading to ensure biosafety.



Vibrio alginolyticus
White or colourless

Vibrio parahaemolyticus/
Vibrio owensii
Green to dark blue

Other groups
Pink to purple

STORAGE & USAGE

Shelf life 3 months from the date of manufacture

Storage condition Temperature 26 - 28 oC
Seal package and keep away from direct light

Warning Do not use discs that show signs of contamination or signs of damage.
Do not use expired products.



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AGRICULTURE



AQUACULTURE



CODING & MARKING



AGRIFOOD

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