



BRF Ingredients and Symrise were presented their cheques at Aquaculture 2025. PHOTO: F3 – FUTURE OF FISH FEED

## BRF Ingredients, Symrise win top F3 krill replacement prize

BRF Ingredients and Symrise have won the F3 Krill Replacement Challenge top prize for developing promising alternatives to krill.

Symrise won for its protein hydrolysate ingredients and BRF Ingredients for its chicken hydrolysate. Their products were the top-performing krill replacements in a 12-week feed trial on Atlantic salmon, demonstrating superior growth, feed consumption, and survival rates.

Each company won US\$50,000 (US\$100,000 total) at the World Aquaculture Society's Aquaculture 2025 meeting in New Orleans, La.

"The F3 Krill Replacement Challenge has highlighted the incredible innovation and potential within the aquaculture

industry, demonstrating that there are multiple solutions to replace krill. These alternatives will help protect our oceans while ensuring the continued growth of aquaculture," said Kevin Fitzsimmons, chair of the F3 – Future of Fish Feed Initiative.

The two winners were chosen from a pool of 10 finalists, selected from 40 global companies that entered the F3 Challenge to test their krill meal alternatives to offer innovative solutions that could transform feed production and reduce the environmental impact of traditional krill sourcing.

Overfishing, climate change, and industrial harvesting have been attributed to the decline in krill stocks, threatening their role as a key food source for many marine species. More sustainable alternatives are essential to re-

duce reliance on krill and ensure the future of aquaculture without further depleting ocean resources. It was confirmed that all products being used in the trial were free of marine animal ingredients.

"For us at BRF Ingredients, this recognition reinforces our commitment to feed the world with sustainable, high-quality and global-standard Ingredients. We congratulate all participants while celebrating our hydrolyzed products team's technical skills and talent," said Marcel Sacco, vice president of marketing and new channels at BRF Ingredients.

"As a firm believer in the immense potential of byproduct valorization, I see this award as a testament to our ability to develop natural ingredients from circularly sourced raw materials," said Vincent Percier, marketing director at Symrise Aqua Feed.

"This innovation enables us to replace wild and endangered species like krill in feed formulations, contributing to a more sustainable global food production footprint."

## AquaTactics enters fish vaccine market with USDA approval

AquaTactics, the Washington-based aquaculture division of Bimeda, has entered the autogenous fish vaccine sector after receiving USDA approval.

Autogenous fish vaccine production and wet-lab safety testing will happen at Bimeda's vaccine



facility, Bimeda Biologicals, in San Angelo, Texas, which already has experience in terrestrial animal vaccine production.

According to a press release from AquaTactics, its site in Kirkland, Washington, will remain key for fish vaccine development and customer support.

"With USDA approval, we can now expand our quality offering and provide custom vaccine solutions that meet the specific needs of our clients. This is an important milestone in our mission to enhance fish health and productivity for aquaculture operations across the USA," said Sam Dash, general manager of AquaTactics.

AquaTactics provides a range of fish health services, including:

- Veterinary services
- Vaccination protocol design
- Fish health products
- Pathology services

"I am excited to see AquaTac-

PHOTO: AQUATACTICS

## THE NEW POLARIS C

Intelligent Integration for Aquaculture

OXYGEN

SALINITY

TGP

TEMPERATURE

CO<sub>2</sub>

DISSOLVED OXYGEN

REDOX

ATMOSPHERE

PH



OxyGuard®

DISCOVER THE NEW FEATURES

