AgroSpectrum ASIA
Envisaging Future | Updating Present

Biomar, Agronutris partners to produce next-gen insect meal aqua feed

27 April 2023 | News

A scalable, viable model for producing black soldier fly meals for aquaculture as an effective source of aqua nutrition

A scalable, viable model for producing black soldier fly meals for aquaculture as an effective source of aqua nutrition

Vietnam-headquartered global aqua feed company, BioMar and French animal nutrition Biotech company Agronutris have signed a long-term partnership to develop the next generation of black soldier fly meals specifically designed for the needs of the aquaculture industry. A wide portfolio of insect meals designed for aquaculture are entering the market following years of research and development.

â??Black soldier fly meal has always been a promising prospect that could be well suited to aquafeeds. Agronutris has developed a scalable model for black soldier fly able to meet the nutritional and sustainability profile required by the industry" said Fernando Norambuena, Global Category Manager, Novel Raw Materials at BioMar.

With extensive attention to feedstock sourcing, 12 years of R&D achievements, and significant industrial investment, the Agronutris solution aims to deliver a stable, high-quality product demonstrating high sustainability performance. Using a circular economy approach, Agronutris has taken a step towards developing an ingredient that significantly impacts the aquaculture industry by moving beyond novel protein sources.

"For insect meal to successfully enter aqua feeding, it must demonstrate high nutritional value and support healthy growth for fish and shrimp. Agronutris' innovative products have an excellent nutritional profile suited to the aquaculture industry. We aim to create the ideal product that meets BioMar's ambitious sustainability parametersâ?, said Chris Haacke, Director of Business Development at Agronutris.

â??A truly sustainable insect meal should be decoupled from the human food supply chain and fed off a substrate based on waste foods and by-products. With Agronutris, we see a viable, scalable model for producing black soldier fly meals. This could see this product become an effective source of nutrition in aquacultureâ?, said Vidar Gundersen, Global Sustainability Director at BioMar.

BioMar's strategy of supplying low environmental impact alternatives aligns well with Agronutris' mission of providing low environmental impact alternatives. By 2030, 50% of its ingredients will be sourced from a circular and restorative economy and its feed carbon footprint will be lowered by 1/3.