AlgaPrime™ DHA

INTRODUCING ALGAPRIME™ DHA:

A TRACEABLE, SUSTAINABLE, HIGH-QUALITY ALTERNATIVE TO MARINE-BASED OMEGA-3s

About one million tons of omega-3 rich fish oil is produced each year for use in animal feed, aquaculture and human nutrition. The demand for omega-3s is growing. The availability of omega-3s from wild caught fish is, however, limited.

AlgaPrime™ DHA is a scalable and sustainable long chain omega-3 rich whole algae ingredient for the livestock market.

Feed incorporating AlgaPrime™ DHA can contribute to improve the reproduction performance of animals, by reducing the omega-6 – omega-3 ratio of the diet. It can enrich meat and eggs with DHA, which may be beneficial for consumers who want or need to consume more omega-3 fatty acids.

ALGAPRIME™ DHA AT A GLANCE

From the original source of DHA: Whole algae ingredient from the native algae, *Schizochytrium*

High levels of DHA (~30%): Provides flexibility to formulators

Sustainability: An alternative source of omega-3 to reduce dependency on marine fisheries and fish oil

Safety: Virtually no environmental contaminants or heavy metals

Powder form: Easily incorporated in feed

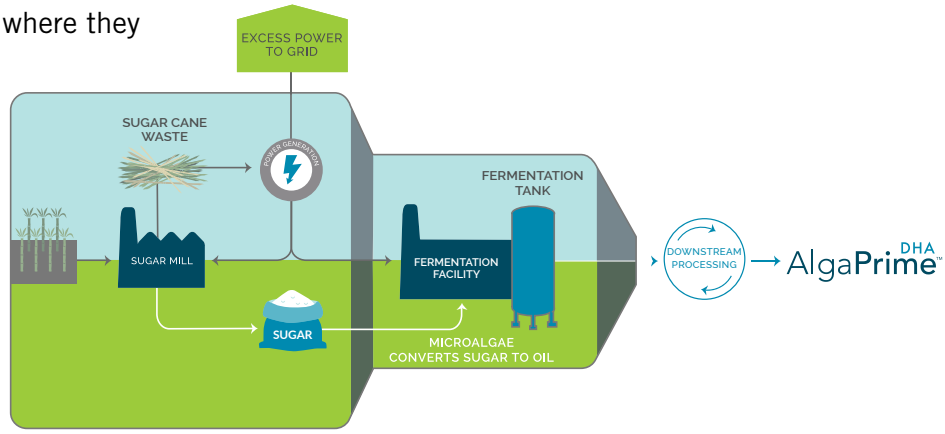
Non-GMO: Our feedstock, algae strain and process is non-GMO

DUAL BENEFITS FOR CONSUMERS & ANIMALS

Product enrichment: Can enrich meat and eggs with DHA for enhancing nutritional quality for the consumer

CONSISTENT SUPPLY, CONSISTENT QUALITY

Our facility in the São Paulo state of Brazil grows the algae in closed fermentation tanks where they convert renewable, sustainable plant sugars into a DHA-rich ingredient in a matter of days. This process provides a traceable and consistent source of DHA and protects supply from the variability of geography and seasonality, improving supply chain resilience in the face of climate change and food insecurity.



GOOD FOR LIVESTOCK AND GOOD FOR THE PLANET AT UNPRECEDENTED SCALE

AlgaPrime™ DHA is sustainably produced using sugar cane. The sugar cane waste provides a renewable source of energy for the sugar mill and the fermentation facility, powering some of the world's largest aerobic fermenters.

TYPICAL NUTRITIONAL PROFILE:

DHA CONTENT ≥ 28%

Typical Profile

	(%)
Fat	≥ 50
Moisture	≤ 4
Protein (crude)	≥ 9
Fiber (crude)	≤ 5
Ash	≤ 10
Total Carbohydrates	22*

*calculated value

Typical Fatty Acid Profile

	(% of Fat)
C16:0 (Palmitic)	30
C18:0 (Stearic)	1
C22:5 n6 **(DPA)**	16
C22:6 n3 **(DHA)**	50

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