



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.

TerraVia and Bunge have teamed up to launch AlgaPrime™ DHA, a scalable and sustainable long chain omega-3 rich whole algae ingredient for the livestock market. Our joint venture, Solazyme Bunge Renewable Oils, is producing AlgaPrime™ DHA today.

Poultry feed incorporating AlgaPrime™ DHA will efficiently and sustainably enrich eggs with beneficial long-chain omega-3 fatty acids, which can lead to value added omega-3 label claims on eggs and egg products.



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: Grown in controlled environments

Powder form: Easily incorporated in feed

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

Antioxidant: Rosemary Extract Blend or Ethoxyquin options available

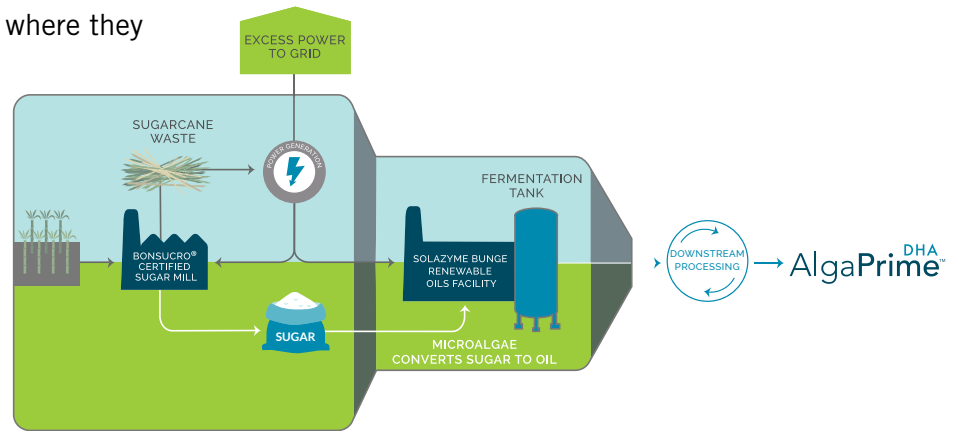
Label Claim: Reach source of omega-3 claim with minimal impact on feed cost

Product enrichment: More efficient omega-3 enrichment compared to flaxseed (or ALA)



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 LAYING HENS AND GOOD FOR THE PLANET AT UNPRECEDENTED SCALE

AlgaPrime™ DHA is sustainably produced using plant sugars from a Bonsucro®-certified sugarcane mill. The sugarcane waste provides a renewable source of energy for the sugar mill and the Solazyme Bunge Renewable Oils facility, powering some of the world's largest aerobic fermenters.

TYPICAL NUTRITIONAL PROFILE:

DHA CONTENT ON A DRY WEIGHT BASIS: ~300mg/g

Proximate Profile

	(%)
Moisture	2
Protein (crude)	9
Ash	6
Total Carbohydrates	21
Fat	60
Fiber (crude)	2

Fatty Acid Profile

	(% of Fat)
C16:0 (Palmitic)	30
C18:0 (Stearic)	1
C22:5 n6 (DPA)	16
C22:6 n3 (DHA)	48

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