



## 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.

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

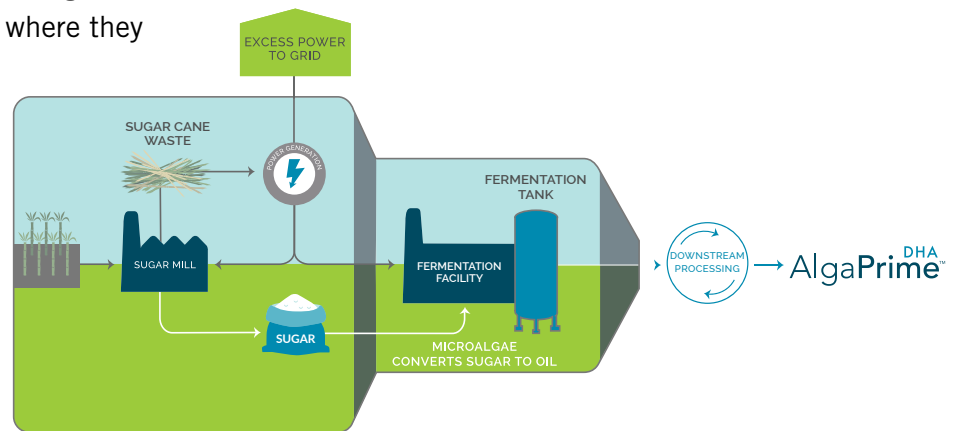
**Label Claim:** Reach source of omega-3 claim with minimal impact on feed cost

**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 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