



## DAYBROOK SUPER PRIME

### MENHADEN FISH MEAL

Daybrook Super Prime Fish Meal treated with all natural mixed tocopherols is the premier quality menhaden meal available from the United States. It differs from commodity grade fish meal because of a high quality standards for the freshness of the raw material and the subsequent automated controlled drying methods. These two quality parameters allow us to guarantee a finished product that is low in TVN, FFA, histamine, and other biogenic amines and that is also high in digestibility. This translates into better feed acceptance and consumption and faster growth rates and better protein efficiency. This product is also mechanically classified to increase the protein and reduce the ash levels.

Daybrook Fisheries has a dedicated fleet of 11 fishing vessels with modern refrigerated cargo holds to deliver fresh fish to the plant where they are processed immediately using a super-heated steam indirect drying system. The Daybrook plant in Empire is typically the largest processor of menhaden in the world. Daybrook has an on-site laboratory and is HACCP certified by GMP+ and NOAA Fisheries. Daybrook is also certified MarinTrust (IFFO-RS) by SAI Global as a responsible supplier. The Marine Stewardship Council (MSC) certified the Gulf Menhaden resource allowing Daybrook to sell all of its products under the coveted sustainability eco-label.

### PRODUCT SPECIFICATIONS

#### Proximate Composition

	Typical	Range
Crude Protein (%)	67.7	(Min) 67
Moisture (%)	7.6	6 - 9
Fat (%)	9.8	8 - 12
Ash (%)	16.6	14 - 18
Digestibility (0.0002%)	92.9	92 - 95
TVN (mg/100g)	56	40 - 100 (Max)
Histamine (ppm)	62	10 - 500 (Max)

#### Amino Acids (g/100 g)

Lysine	5.2
Alanine	4.4
Valine	3.1
Threonine	2.8
Arginine	4.1
Isoleucine	2.7
Serine	2.5
Glutamic acid	8.8
Histidine	1.6
Aspartic acid	6.1
Proline	3.2
Tyrosine	2.0
Leucine	4.7
Glycine	5.1
Phenylalanine	2.5
Tryptophan	0.7
Methionine	2.0
Cysteine	0.5

#### Micro and Macro Minerals (mg/kg)

Aluminum	1349
Arsenic	4.7
Cadmium	0.104
Calcium	35100
Copper	3.3
Iron	911
Manganese	51
Magnesium	1900
Nickel	1.1
Phosphorus	23725
Potassium	11650
Selenium	2.0
Sodium	9670
Zinc	105

#### Vitamins (IU/100 g)

Vitamin A (total)	60.2
Vitamin D	242
Vitamin E	2.3

