



Natural aquafeed ingredients for improved fish health and optimal growth in Atlantic Salmon

Our black soldier fly larvae (BSFL) ingredients are natural, nutritious, and palatable. Requiring far fewer resources to produce than other protein sources, it's good for the fish, and good for the planet.



Ideal substitute for fishmeal

Improves final bodyweight, body weight gain and specific growth rate in Atlantic salmon

Improves fish health

- Improve plasma antioxidant capacity and enhance innate immunity, helping to reduce reliance on antibiotics
- Mitigate intestinal inflammation caused by soybean-based diets
- Reduce steatosis (harmful fatty buildup) in the pyloric caeca

Highly palatable

Increase feed intake without affecting Food Conversion Ratio for Atlantic salmon diets.

Sustainable

Every tonne of Bardee protein offsets 15 tonnes of CO2 emissions.



	Unit	BSFL Cooked mince	BSFL Meal	BSFL Oil
Macro Nutrients	Protein	%w/w	13.20	60
	Fat	%w/w	8.99	18
	Ash	%w/w	3.23	9.2
	Crude Fibre	%w/w	2.03	4.7
	Moisture	%w/w	70.00	2.2
	Nitrogen Free Extract	%w/w	4.21	5.6
	Metabolisable Energy	MJ/kg	5.06	16.1
	Calcium	mg/kg	7,627	322,102
	Phosphorous	mg/kg	2,516	10,624.9
Minerals	Magnesium	mg/kg	785	3,314.3
	Potassium	mg/kg	2,791	11787.6
	Sodium	mg/kg	300.63	1269.675
	Iron	mg/kg	136.08	574.695
	Zinc	mg/kg	32.28	136.323
	Copper	mg/kg	3.83	16.17
	Selenium	mg/kg	0.16	0.671
	Chromium	mg/kg	0.16	0.671
	Cobalt	mg/kg	0.08	0.33
	Molybdenum	mg/kg	0.18	0.759
	Manganese	mg/kg	47.78	201.817
	Fluoride*	mg/kg	1.80	7.623
Fatty Acids	C10:0 Capric	g/100g	0.10	0.099
	C12:0 Lauric	g/100g	2.72	2.629
	C14:0 Myristic	g/100g	0.57	0.55
	C15:0 Pentadecanoic	g/100g	0.02	0.022
	C16:0 Palmitic	g/100g	1.49	1.441
	C17:0 Heptadecanoic	g/100g	0.02	0.022
	C18:0 Stearic	g/100g	0.27	0.264
	C14:1 Myristoleic	g/100g	0.02	0.022
	C16:1w7 Palmitoleic	g/100g	0.20	0.187
	C18:1w9 Oleic	g/100g	2.09	2.024
	C18:2w6 Linoleic	g/100g	1.25	1.21
	C18:3w3 alpha-Linolenic	g/100g	0.20	0.198
	C20:4w6 Arachidonic	g/100g	0.01	0.011
	C20:5w3 Eicosapentaenoic	g/100g	0.04	0.033
Amino Acids	Histidine	mg/kg	3,894	16440.6
	Serine	mg/kg	6,619	27947.7
	Arginine	mg/kg	7,009	29592.2
	Glycine	mg/kg	7,009	29592.2
	Aspartic Acid	mg/kg	13,239	55896.5
	Glutamic Acid	mg/kg	17,522	73980.5
	Threonine	mg/kg	5,451	23016.4
	Alanine	mg/kg	8,956	37812.5
	Proline	mg/kg	7,398	31236.7
	Lysine	mg/kg	8,956	37812.5
	Tyrosine	mg/kg	8,566	36168
	Methionine	mg/kg	2,336	9863.7
	Valine	mg/kg	7,788	32880.1
	Isoleucine	mg/kg	5,841	24659.8
	Leucine	mg/kg	9,345	39455.9
	Phenylalanine	mg/kg	5,451	23016.4
	Hydroxyproline	mg/kg	273	1150.6
	Taurine	mg/kg	109	459.8
	Cysteine*	% Crude Protein	0.82	3.465
	Tryptophan*	% Crude Protein	0.54	2.288



Made
with
Bardee.™

Reshaping
the global
food system.

At Bardee, we produce organic, sustainable all-natural protein and oil for aqua feed, poultry, and pet food.

Our world-leading vertical farming system uses less resources, even more efficiently than traditional BSFL manufacturers.



BSFL Meal



BSFL Mince



BSFL Oil

15 kg
CO₂
offset

For every kilo



Efficiency of the Black Soldier Fly

Annual land, feed & water usage of beef, pork, poultry and black soldier fly farming

