



WYSE · BAY
ARTISANAL SALMON



January 2015

Certification of Feed Standards

All of our finfish are reared using feeds that are manufactured in compliance with the Canadian Feeds Act and with the Canadian Feed Regulations. Wyse Bay Artisanal Salmon's fish feeds are sourced from approved suppliers and are produced using high quality manufacturing procedures and ingredients as specified and reviewed by our nutrition experts. These ingredients include marine, plant, and animal proteins and fats, grains, minerals and vitamins, as well as the carotenoids astaxanthin and canthaxanthin.

These ingredients are used to produce our extruded pellet-form feeds. We do not allow the use of bovine or ovine protein by-products (including blood meal or meat or bone meal) in the manufacture of our feeds. All animal products used are safe, CFIA approved, processed fresh, and are of excellent quality.

While the health and welfare of our fish requires that we include high quality fish meal and fish oils in their diet, we have been able to reduce our reliance on marine protein sources by 70% since 2003. Fishmeal and fish oil now make up 15-20 per cent of our total feed composition.

Research findings using the newer levels of fish products in the feeds verify that more fish protein is gained by farming salmon than is used to produce the fish feed.

Feed conversion ratio (FCR) is calculated from the number of kilograms of feed used to produce one kilogram of fish. Feeding farmed fish is more efficient than feeding land-based animals, and the average FCR for farmed fish is 1.2 kilograms of food to produce 1 kg of flesh. Ongoing improvements are continuously moving that number closer to 1:1. Our current supplies of fishmeal and fish oil are derived from the byproducts of fish that are harvested for human consumption and from an industrial fishery that is managed on the basis of sustainability and conservation. Fishmeal and fish oil come from high quality local herring, local capelin, USA sourced menhaden, and South American anchovies.

Part of our Best Aquaculture Practices certification efforts have been to source ingredients from producers that are regulated by the International Fishmeal and Fish Oil Organization (IFFO). The IFFO is a non-profit organization that was formed to represent the interests of fishmeal and fish oil producers. Their initial focus of promoting the use of fishmeal and fish oil has shifted as demand has outpaced supplies. Today, the IFFO focuses on the responsible use of fishmeal and oil in the areas where it will bring the most benefit to the nutrition of humans and the livestock they raise for food. They have developed a Global Standard for Responsible Supply program and certification. Most of the plants supplying fishmeal and oil to Wyse Bay from South America are certified by this program.

Wyse Bay Artisanal works with a team of professionals in fish nutrition, feed manufacture, fish feeding behaviour, veterinary medicine, farm management and information technology that oversee every aspect of feed supply and delivery.

For more information, visit us online:
www.wysebay.ca

