

Responsible Fish Farming

Soy Fed Aquaculture Provides a Sustainable Solution

Aquaculture will help meet the global demand for seafood products

Global demand for seafood is growing at unprecedented rates. Wild-caught fisheries cannot keep pace with this demand. It is imperative that we use sustainable sources of nutritious and affordable seafood.

Wild-caught fisheries cannot sustain any greater pressure. The amount of wild fish capture has remained flat since the mid-1980's and cannot grow to meet increased demand.

By 2030, an additional 41 million tons of fish per year will be needed to maintain current levels of seafood consumption.

Farm-raised seafood currently accounts for more than 40 percent of global consumption of fish and shellfish.

Responsible fish farming represents the only way to bridge the gap between the wild supply shortfall, critical consumer demand, and health needs.

Increasing the availability of soy-fed, farm-raised fish will fulfill this growing need while conserving natural resources.

The sustainability of the global aquaculture community depends on renewable and efficient sources of fish feed, such as U.S. soybeans



Efficient and nutrient-rich soy-based fish feeds help ensure a sustainable aquaculture industry

U.S. soybeans increase the affordability and sustainability of the world's supply of healthy, farm-raised seafood.

Soy can replace from one-third to one-half of the fishmeal in feeds for many farmed species, reducing the pressure on wild fish resources.

Specially formulated soy-based feeds are rich in the proteins and nutrients that grow fish efficiently while producing less waste.

The U.S. soy industry promotes environmentally friendly aquaculture production techniques around the world.

Efficient and nutrient-rich soy-based fish feeds help ensure a sustainable global aquaculture industry

Quality, cost and availability are the key factors that make soybean products such as soybean meal a top protein source for sustainable aquaculture.

Quality

Soybean meal is consistent in quality, and is produced in a range of protein levels to suit the needs of the aquaculture industry.

Soybean meal has the best amino acid complex of all of the plant protein ingredients.

Soybean meal is highly digestible to most cultured fish and shrimp species.

Soy protein can replace animal proteins in feeds for freshwater and marine fish with rapid fish growth and low feed conversion ratios.

Cost

Soybean meal has a significantly lower cost than most animal meals.

Availability

Availability of a high-quality, renewable protein product like soybean meal is critical to the future of the global aquaculture industry.

Soybean production has increased more than tenfold in the last four decades, and will sustain this growth in the coming years.

America's soybean farmers provide a source of healthy, efficient, renewable, and affordable feed that nourishes the fish that feed families around the world.



www.ussec.org

The activities of the U.S. Soybean Export Council to expand international markets for U.S. soybeans and soy products are made possible by producer checkoff dollars invested by the United Soybean Board and various State Soybean Councils, support from cooperating industry, and through the USDA's Foreign Agricultural Service investments provided through the American Soybean Association.

www.soyaqua.org