

# ENVIRONMENTAL IMPACT



## INNOVATIVE TECHNOLOGY

*Salmon farmers use underwater cameras and sensors to monitor feed delivery, avoid overfeeding and eliminate waste.*

## SAFE FOR OUR OCEAN

*Lobster landings have increased in many areas where salmon farming also thrives. Only approved treatments deemed safe by regulators are used to treat sea lice. No sea lice treatments have been necessary in Nova Scotia.*



## COMMITTED TO PROTECTING THE ENVIRONMENT

Atlantic salmon farmers are local people who have built this industry over the past 40 years. They know that if they don't care about sustainability, then they can't farm, and their neighbours can't fish, and the ocean they love won't be here in its present form for their children and grandchildren.

## WORKING TO REDUCE WASTE

Pristine seawater is essential for the production of healthy, high quality salmon, so salmon farmers follow strict codes of practice regarding waste management. In addition to using underwater cameras and sensors to avoid overfeeding, farmers have tailored feed to suit the dietary needs of salmon at each life stage and improve feed digestibility – both of which significantly reduce waste.

## REDUCING OUR RELIANCE ON FORAGE FISH

Canada leads the development of fishmeal and fish oil replacement in fish feed. In the 1990s, wild fish-based ingredients in feeds were as high as 80 per cent. Today, it's as low as 30 per cent.

## MONITORING OUR ENVIRONMENTAL PERFORMANCE

Farmers conduct regular government-audited sediment testing of the ocean floor to ensure farms meet high environmental standards. The results are publicly available. Other steps that farmers take to protect the marine environment include:

- *Completing site-specific environmental assessments before farming begins and each year of production*
- *Regularly monitoring water conditions*
- *Regularly fallowing their farms between crops*
- *Conducting regular maintenance and inspection of net pens*
- *Training their staff to carefully monitor the environment and the health of their fish*

## FARMING FOR OUR FUTURE

More than half of the world's seafood comes from farms. Fish farming reduces pressure on wild fish stocks. As the world's population continues to grow, fish farming is the only way to provide the growing demand for healthy food.

### Contact

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