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Integrated pest management (IPM)

Arnarlax ehf tries in all way to search for non-medicinal ways to reduce sea lice load and risk for resistance built-up with use of preventive measures such as lumpfish, sea lice skirts and stingray lasers.

Lice levels are constantly monitored by counting lice at least every 14 days and weekly during the sensitive period. All data is publicly available at Arnarlax website. The sea lice contingency plan is activated when average numbers for female sea lice exceed 0.5 per fish and the Icelandic Food and Veterinary Authority (MAST) is notified. According to ASC standard Arnarlax is allowed to use 6 medicinal lice treatments per production cycle but tries in any way to avoid that. Prior to any medicinal bath treatment, the lice population is analysed by LiceAdvisor (Patogen AS) for genetic evaluation of resistance / susceptibility status.

Good cooperation is between Arnarlax and fellow companies operating in same areas regarding lice information and fish welfare status. This is formalized trough an agreement for the common biosecurity areas (CBA's) where the company operate with another farmer. And through a systematic coordination of how to control the lice, weekly meetings with all farmers in Westfjords are held.

After a farm site has been harvested out and finished fallow period, benthic sampling is carried out by 3rd party. Parasiticide residue levels of emamectin benzoate, where Slice feeding treatment has been used, are analysed on the farm site amongst other things regarding the seabed.

On behalf of Arnarlax ehf.,



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