Potentials in improved disease handling in Norwegian Salmon farming!

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Spin-offs:
Processing Industries
(Norway + EU ++)
Supply Industries
+ + +

Estimated Farming Potential
w/reduced disease problems:
Incr. production + 20 %
Incr. economic result + 50 %
Significant # Jobs and
Contribution to GNP

1.3 billion meals

An AquaToools® Simulation
https://spillfree.no/en/aquatools/
«Give or Take»

Reduced Mortality/m – 1 -> .5%
Reduced down-grading – 50%

Improved Weight Gain VF3 2.87 - > 3.33 bFCR 1.16 - > 1.10

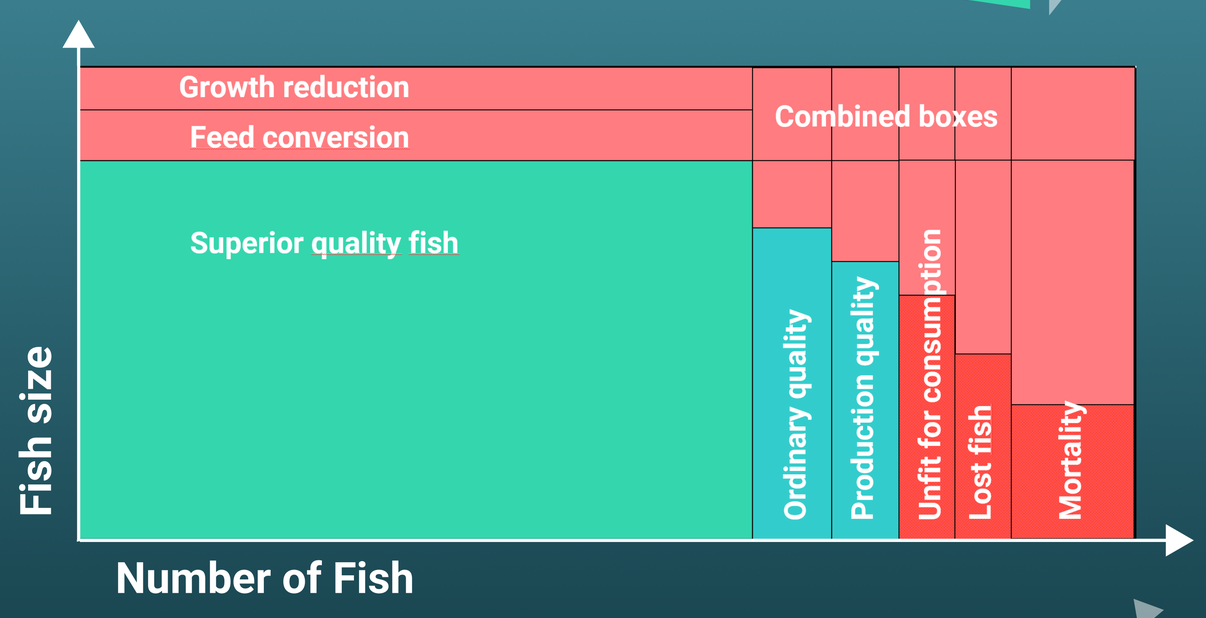

Figure 1, The **bIOLOGIC PRODUCTION-LOSS MODEL (bPLM)** describes the potential biomass of a Salmon Production
DARK RED shows the Lost Biomass
LIGHT RED the UnRealised Pot. for Biomass Prod.
BLUE show areas of Reduced Quality and
GREEN is the Produced Biomass of Superior Quali-

# of Livestock and Losses (#, %) at sea, 1994 - 2020

Losses by reason at sea

References:
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https://www.fiskeridir.no/English/Aquaculture/Statistics/Atlantic-salmon-and-rainbow-trout
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https://doi.org/10.1016/j.aquaculture.2022.738061

In relation to the Global Burden of Animal Diseases Programme – GBADs & Norwegian Veterinary Institute
https://animalhealthmetrics.org/

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