IMPROVING AQUACULTURE PRODUCTIVITY WITH OPTIMUM OMEGA NUTRITION**



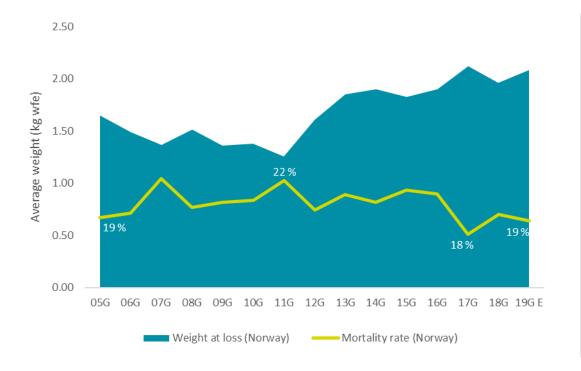




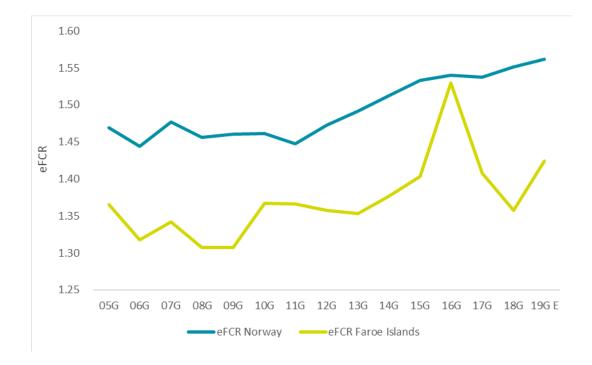


IS SUB-OPTIMAL NUTRITION CAUSING WASTE?

WASTE of FISH



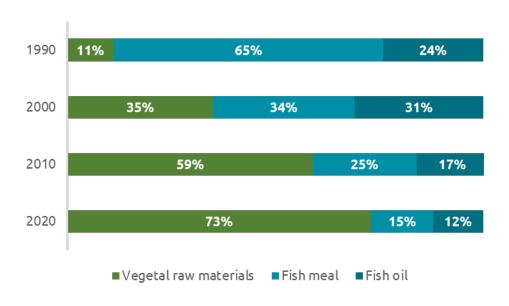
WASTE of FEED



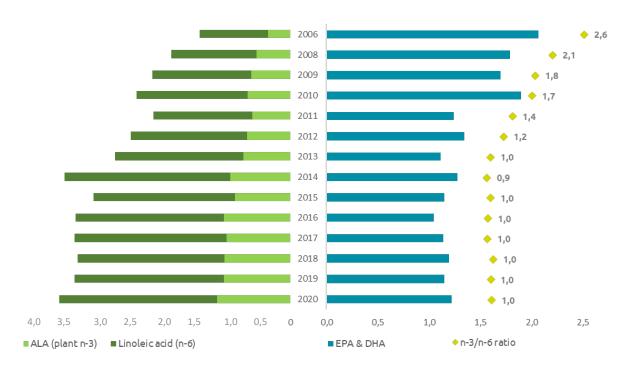


SALMON FEED: NOT WHAT IT USED TO BE

Raw materials in Norwegian salmon feed



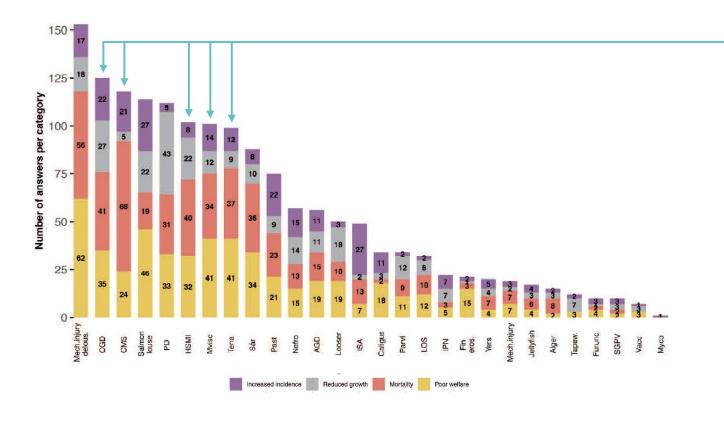
Fatty acids in Norwegian salmon flesh





HEALTH PROBLEMS IN ONGROWING SALMON

Results from a 2020 survey of fish health professionals: Top 5 most important problems?



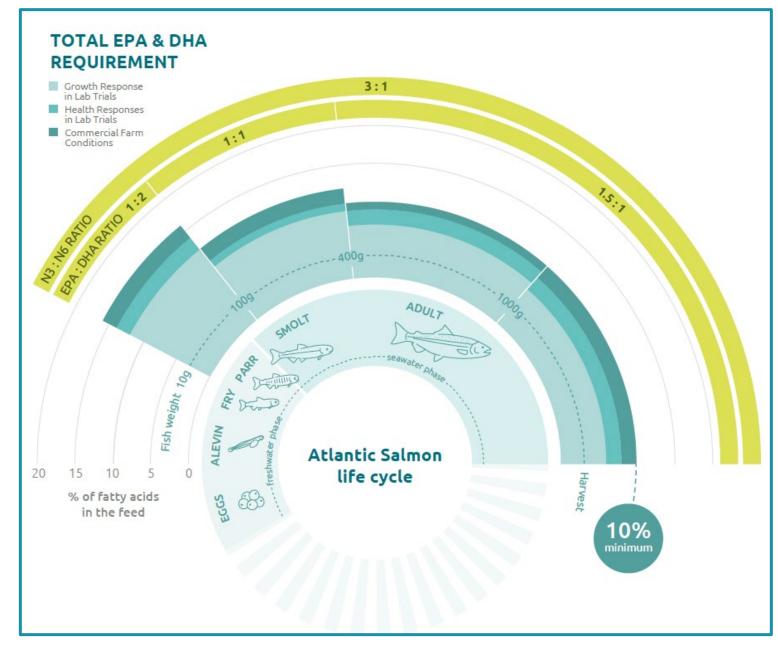
Health professionals name:

- CMS
- CGD
- HSMI
- Winter Ulcers (typical & atypical)

as the main contributors to mortality (besides mechanical injury from delousing)

What role does nutrition play in helping to improve these issues?





OPTIMUM OMEGA NUTRITION™

A protocol to improve fish health & welfare





OPTIMUM OMEGA NUTRITION WITH ALGAL OIL WHAT'S THE BUSINESS CASE?



SMALL Feed Investment



BIG Production Benefits





- Optimum Omega Nutrition™
- Boost both EPA & DHA fatty acids in the diet
- Small incremental feed investment (getting smaller)
- Added resilience to vulnerable feed raw materials
- LESS WASTE
- Improvement of harvest weight
- Less mortality
- Combined improvement in FCR and Downgrades
- Huge potential for salmon category growth
- Delivering on new and changing retailer needs
- Stronger claims for sustainability leadership

ASC-MSC Certified Algal Oil:

- ✓ Reduces feed formulation risk
- ✓ Enables sustainable growth of salmon farming
- ✓ Ensures the health & welfare of salmon in production
- ✓ Improves the safety and quality of farmed salmon post-harvest
- ✓ An easy decision to de-risk aquaculture!



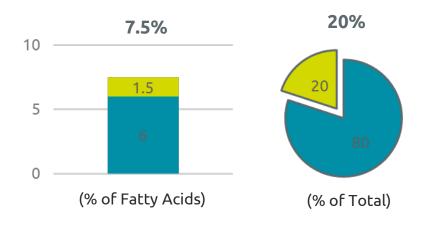


INDUSTRY EXAMPLES



"MICROALGAE HELPS LERØY TO
INCREASE THE LEVEL OF EPA+DHA IN THE
FEED WITHOUT FURTHER INCREASING
THE DEPENDENCY ON TRADITIONAL
FISHERIES"

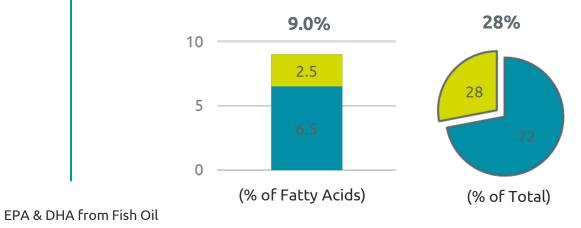
EPA & DHA IN THE FEED



ALGAE IN OUR FEED WHICH CONTRIBUTES
TO IMPROVED FISH HEALTH AND WILL
CONTRIBUTE TO REDUCED CO2"

"IN 2020 THE COMPANY STARTED USING

EPA & DHA IN THE FEED





EPA & DHA from Algal Oil















For more details, please contact me @ lan.carr@veramaris.com