

AQUA
care 

Probiotic

SKRETTING 
a Nutreco company



A holistic approach to health and welfare

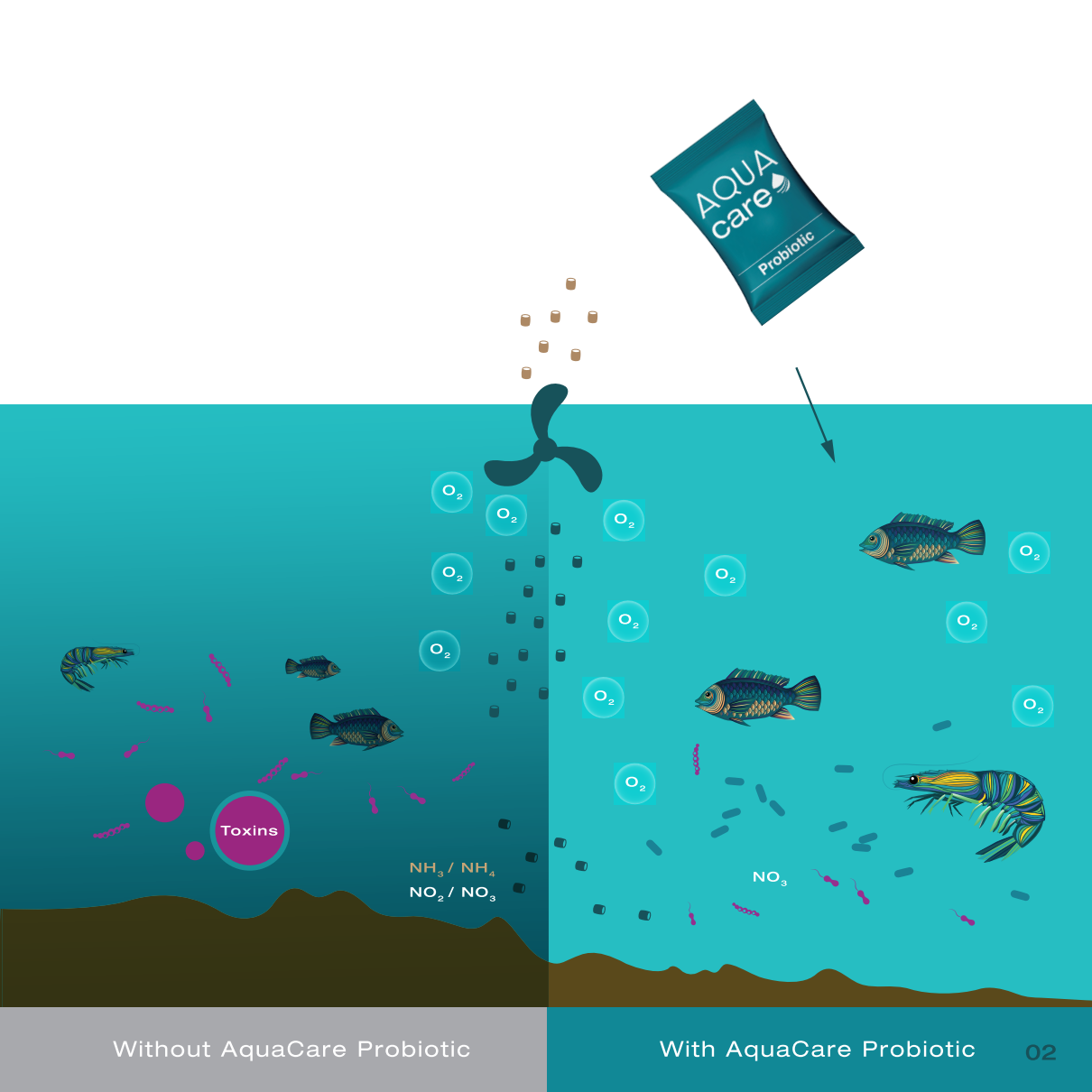
A healthy environment is crucial to maximise farmers' profitability and animal welfare. AquaCare Probiotic is a bioremediation product for improved water quality. Good water quality can lead to improved growth rate and feed conversion in aquaculture species. For optimal results, AquaCare Probiotic should be used as part of an integrated approach that includes water, feed, health and farm management.

Farm management

Feed management

Water management

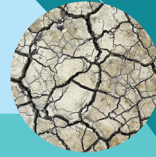




Without AquaCare Probiotic

With AquaCare Probiotic

Sludge control



Water quality control

($\text{NH}_3/\text{NH}_4^+$)



Pathogen control



Sludge control

AquaCare Probiotic contains bacteria that consume organic material such as faeces and uneaten feed, that would otherwise end up as sludge.

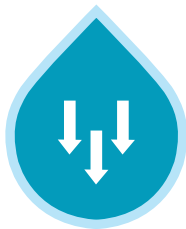


Without AquaCare Probiotic

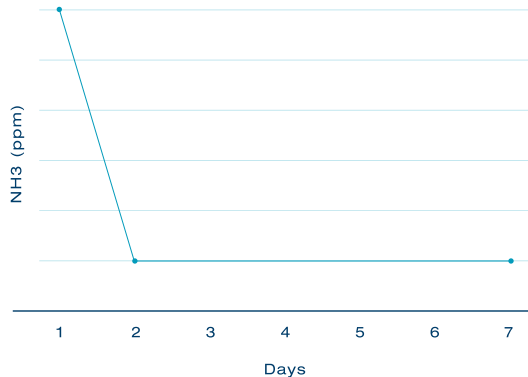
With AquaCare Probiotic

Water quality control

Ammonia can be toxic to fish and shrimp if allowed to accumulate during production. When ammonia levels are high, fish and shrimp cannot efficiently convert feed. AquaCare Probiotic provides water conditioning microbes that improve water quality by actively utilising ammonia compounds including nitrite and nitrate.



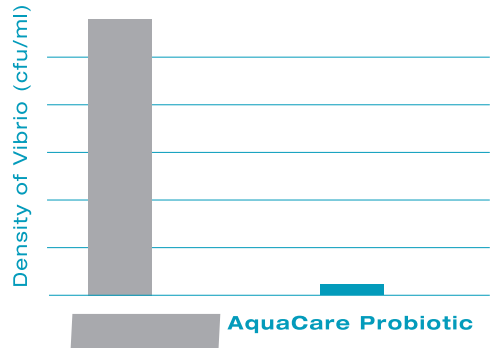
NO₂⁻ and NH₃
are reduced



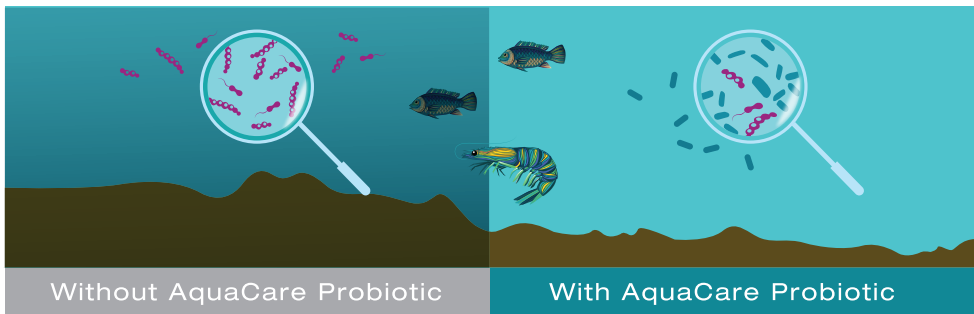
Field trial investigating the effect of AquaCare Probiotic on NH₃. The result demonstrate a decrease in NH₃ level 24 hours after AquaCare Probiotic was applied.

Pathogen control

AquaCare Probiotic provides a mixture of beneficial bacterial species selected for their ability to outcompete *Vibrio* spp., and other potential pathogenic microbes within a pond system.



In vitro assessment of the inhibitory effects of AquaCare Probiotic on pathogenic microbes after 48 hours incubation period. AquaCare Probiotic outcompetes the pathogenic microbes in the medium when compared to the control.





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Probiotic

AquaCare Probiotic is a bioremediation product for improved water quality. Good water quality can lead to improved food conversion, higher yield and better health for aquatic species.

AquaCare Probiotic contains bacteria which may help:

Reduces organic material and sludge

Reduces nitrite, nitrate and ammonia

Outcompetes vibrio and gram-negative microcosis

For aquatic species



Net weight
x kg 44 pouches
(200 g each)

Easy application

Initial dosage:

- 4 x 250g pouches per hectare 3-7 days in advance of stocking

Maintenance dosage:

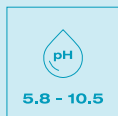
- 2 x 250g pouches per hectare every 5-7 days (<60 PLs/m²)

When water quality is poor, stocking density is higher or pathogens are detected:

- 4 x 250g pouches per hectare every 5-7 days

Usage range:

PH range



Temperature



Salinity range



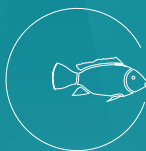
Application method:

It is recommended to distribute AquaCare Probiotic in the afternoon with aerators turned on.

*DO NOT INCUBATE



- ◆ Improved **water quality**



- ◆ Support of **fish and shrimp health**



- ◆ Better **control of production**



- ◆ **Reduced impact on the environment**



- ◆ Improved **profitability**



Skretting is the global leader in providing innovative and sustainable nutritional solutions and services for the aquaculture industry. Skretting has production facilities in 19 countries on five continents, and manufactures and delivers high quality feeds from hatching to harvest for more than 60 species. The total annual production volume of feed is more than 2 million tonnes. The head office is located in Stavanger, Norway. Skretting is the aquaculture division of Nutreco, a world leader in animal nutrition.

Our purpose is Feeding the Future.

www.skretting.com

