

LET'S GROW  
TOGETHER



HIGH QUALITY FEED  
FOR AQUACULTURE

### Did you know?

Aller Aqua published a **free handbook** on catfish farming. Download your guide to support successful catfish farming operations. It offers practical strategies for sustainable farming practices, efficient feed management, optimised production techniques, and effective marketing.



Find the recommended feeding levels for fast growth on our **datasheets**. They serve as a guideline. Please contact your local Aller Aqua representative for more information. Scan the code for the latest catfish feeding programme available (West Africa).



Ask our technical support experts for our **farm management tools** that will help you keep your records and improve your farming business! Scan the code and find your nearest contact.



# ALLER AQUA ADVANTAGES

WHY FEED CONVERSION  
RATIO (FCR) MATTERS



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## WHAT IS FCR?

**Feed Conversion Ratio** - also known as **FCR** - It is one of the most important drivers of your farm's profitability.

FCR can be calculated at various times and for various uses e.g. total amount consumed/net gain in weight for a particular period or, amount of feed used/total harvested fish in a particular production unit.

Farms commonly calculate the **economic FCR**, which is based on the ratio total amount of fish that was used versus total amount of feed used. Management practices, natural food (if any), survival rates, and feed losses are all factored into this calculation. It can also be observed as Interval FCR (between samplings).



## MANAGEMENT TOOL

FCR should be used as a management and decision-making tool. When comparing different feeds, one assumes that the conditions on the farm are the same, irrespective of which feed is being used. Therefore, the apparent FCR (sometimes referred to as biological FCR) is then used to compare feed.

Every 0.1 improvement in FCR saves up to \$50,000/year for a 500T farm. High-quality feeds combined with expert support will result in lower FCR and higher efficiency.

## EXAMPLES

Example 1:

A 500T farm using fish feeds at \$1/kg.  
The result shows that even at a higher feed price, Aller Aqua's superior efficiency delivers bigger profits.

FCR	Annual Feed Use (T)	Feed Cost (\$)	Savings versus 1.8 FCR
1.8	900	\$900,000	-
1.5	750	\$750,000	\$150,000
1.4	700	\$700,000	\$200,000
1.2 (Premium feed \$1.1/kg)	600	\$660,000	\$240,000

## Low-cost but high-FCR feeds versus high-quality feeds.

As the illustration shows, the feed dust in low-quality feeds will ultimately result in hidden losses for your farm. This means that your farm loses money through dust that fish cannot consume.

Consider also the ancillary costs that can be saved from requiring less tonnage of fish feeds. This will reduce transportation, handling, storage space, and labour costs.

Example:

See the calculation of a feed bought with **2% dust** at **\$600/t**.

- Only 980kg of one ton is usable, which means that the actual cost is → **\$612/t**

Considering our example, at 500T of purchased feed, this will result in **\$6,000 lost to dust!**



## THE ALLER AQUA DIFFERENCE

Feeding with high-quality feeds from Aller Aqua that consistently yield lower FCRs ensures your farm higher profitability. The low dust and high durability ensure that you have no hidden losses.

Aller Aqua's feeds are manufactured with minimal dust and breakage, ensuring farmers get the full value of every ton. Besides this, you save on the feed transportation, handling and labour.

Aller Aqua offers technical support and helps you with better feed management with highly developed Management Tools that will help you keep your records and improve your farming business.

Contact your local sales representative for further details.

## Quality pays off in the long run!

Aller Aqua has more than 60 years of global aquaculture expertise.  
Investing in high-quality feeds, can help your farm earn higher profits and grow sustainably.

See the back of this brochure for online materials.

