

# AquaAcid™ XL



## A cost-effective new feeding concept for livestock

### What is AquaAcid™ XL?

AquaAcid™ XL is a liquid blend of organic acids to improve the hygienic quality of feed and drinking water. It contains a high amount of active ingredients (~85%) offering strong antimicrobial effects. AquaAcid™ XL optimises pH levels and is also permitted for use in organic farming.



### Why use AquaAcid™ XL?

Animal producers suffer from losses caused by bacterial contamination and associated effects on their livestock, such as lower daily weight gain and increased mortality. The strongest bactericidal and bacteriostatic effects among organic acids have been demonstrated for formic acid. AquaAcid™ XL efficacy is increased by combining formic acid with a registered salt.

### What are the benefits of AquaAcid™ XL?

↓  
Reduces total microbial load in drinking water and in the upper digestive tract

↗  
Optimises protein digestibility

↑  
Improves feed and water hygiene, and therefore performance

# AquaAcid™ XL

**Table 1. AquaAcid™ XL farm trial in liquid feeding of fattening pigs.**

1. Feeding phase; 0.5% AquaAcid™ XL, 2. Feeding phase; 0.3% AquaAcid™ XL, based on dry matter of feed (ca. 1L per 1000L liquid feed); IW: ~60kg, slaughter at 96kg



	Control	0.5% / 0.3% AquaAcid™ XL	Difference (%)
ADG (g/d)	890	925	+3.9
FCR	2.65	2.46	-7.2
Mortality (%)	1.0	0.8	-20
Diarrhoea days (d)	2	0	-100
Faecal score*	1.8	2.1	+16.7
Veterinary Costs (€)	1.30/pig	0.95/pig	0.35/pig

\*Faecal score: 1 – liquid, 2 – medium, 3 – hard

Farm trial, NRW, Germany, 2015

**Table 2. Comparison of broiler performance between 1L / 1000L drinking water AquaAcid™ XL and a negative control until 32 days post-hatch.**



	Control	AquaAcid™ XL (1Litre) – for 10h/d for 25 days	Difference (%)
Birds (n)	2673	2672	0
Final weight (g)	1290	1307	+1.3
FCR	1.66	1.66	0
Mortality	5.9	3.5	-40.3
EBI*	221	229	+3.9

\*EBI - European Broiler Index

## DIRECTIONS FOR USE

0.5 – 1L per 1000L of drinking water (aim pH 4.5). 1 – 3L per ton of feed.

Use suitable application technology to apply AquaAcid™ XL for improving the quality of drinking water for animals.

AquaAcid™ XL can also be used in liquid feedings systems.

## DISPOSAL

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

## STORAGE

Store below 30°C (Room temperature) In a dry and dark place, frost-free. Sealed in original package it can be stored for up to 24 months without loss of product quality.

**AquaAcid™ is a trademark of Abbey Laboratories Pty Ltd**