

ProPhorce™ AC 600

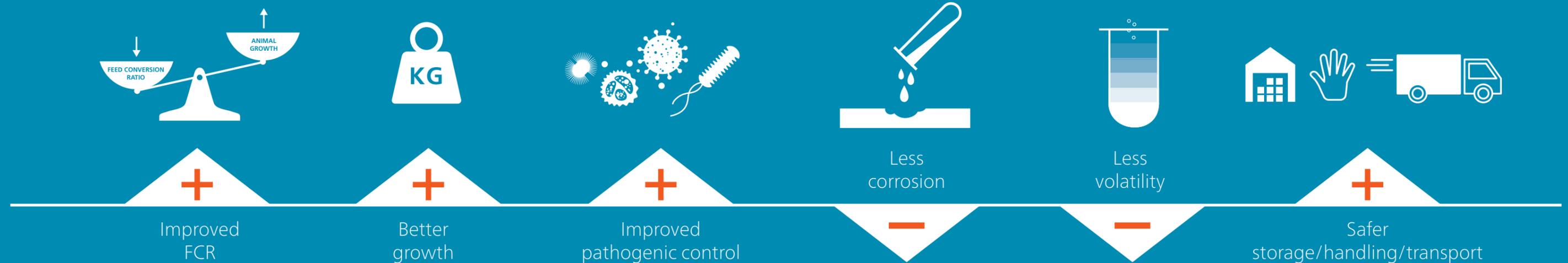
The leading edge in
performance and safety

Benefits with ProPhorce™ AC 600

- Strong acidifier
- Bacterial control
- Applicable in feed and water

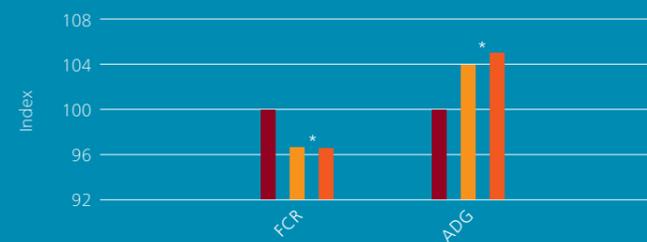
The leading edge in performance and safety

ProPhorce™ AC 600 is a strong feed acidifier that can be used for feed and water preservation for swine and poultry. ProPhorce™ AC 600 is a formula combining the strong and well established effects of formic acid with safer handling thanks to the sodium buffering technology. ProPhorce AC 600 is excellent for use in feed mill or farm.



Animal Performance

Formic acid has shown to improve Average Daily Gain (ADG) and Feed Conversion Ratio (FCR) in pig production (Mroz & Partanen, 1999). ProPhorce™ AC 600 has been compared to formic acid and proven to be equally effective as formic acid to improve animal performance, such as ADG and FCR, see figure below.



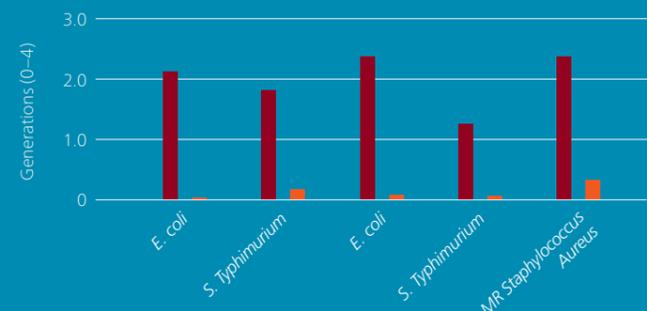
■ Control ■ Formic Acid ■ ProPhorce AC 600

Results of a meta-analysis in which ProPhorce™ AC 600 was compared with formic acid in weaned piglets (Schothorst Feed Research, NL, 2005-2010).

* Denotes significant difference ($p \leq 0.05$) of formic acid and ProPhorce™ AC 600 from control.

Maintain a good feed hygiene

The EU has classified formic acid as a bacterial decontaminating agent (including, but not limited to, Salmonella) to improve feed hygiene (Feed additive Register 2017/940 & 1831/2003). It has been demonstrated to have a strong effect on pathogenic bacteria such as Salmonella, E. coli and Staphylococcus. The effect of ProPhorce™ AC 600 was tested against the same groups of bacteria in independent experiments.

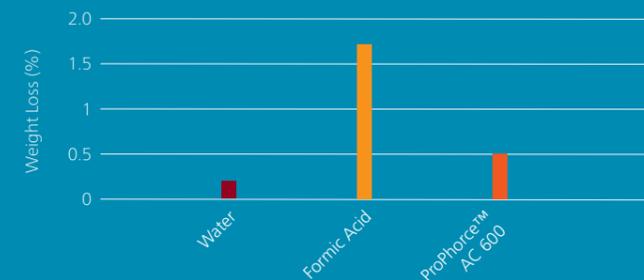


■ Control ■ ProPhorce™ AC 600

Bacterial growth in samples containing ProPhorce™ AC 600 versus untreated control samples was shown in independent experiments at pH 6, CCL, NL, 2009 and 2010.

Safer solution for improved performance

The sodium buffering technology used to produce ProPhorce™ AC 600 give several advantages over using straight formic acid. The evaporation, pungent smell and corrosivity is significantly reduced in ProPhorce™ AC 600 and make it easier and relatively safer than formic acid to handle and work with. The reduced corrosivity also positions ProPhorce™ AC 600 as a non-ADR classified product resulting in less restrictions when it comes to transport, storage and handling.



Corrosivity test where steel strips is submerged in liquids and corrosivity is measured as weight loss. ProPhorce™ AC 600 is far less corrosive than formic acid which reduce deterioration of equipment and reduce risks during handling. (PWR 0783)



Devoted to your success

Specialist

Perstorp Animal Nutrition is a global specialist in acid-based solutions with more than 50 years of experience. We know the importance of gut health and feed preservation for the livestock industry. Therefore, we have focused our skills, knowledge and resources on finding new ways to improve gut health and preservation. Thanks to this dedication, we are the first in developing next generation solutions that exceed your expectations.

Swedish multinational

As Perstorp Animal Nutrition, we belong to the Swedish multinational Perstorp Group – a basic producer of organic acids such as propionic acid, formic acid and butyric acid. As a part of the Perstorp Group, we can take advantage of an extensive amount of knowledge accumulated since 1881, joint R&D facilities and our own production facilities in Europe, North America and Asia. As Perstorp Animal Nutrition we operate independently, flexibly and close to our markets.

Agricultural lifeline

Our highly knowledgeable and motivated team has an agricultural lifeline. Being in close contact with farmers and the feed industry drives our dedication in adding value to your business. We challenge ourselves constantly to enhance gut health and preservation for better performance, feed efficiency and daily weight gain: for your business.

Perstorp Animal Nutrition:

Dedicated specialist in gut health and preservation. Devoted to success