Agrocid Super™
Innovation in acidification in feed and water.

» concentrated formula
» *Salmonella* control
» controlling weaning diarrhea

Increase your benefits by protecting your livestock

CID LINES
Believe in hygiene!
www.cidlines.com
Prevent diarrhea after weaning!

During their first weeks, piglets feed themselves with sow milk. Sow milk offers a perfect nutrition for lactobacilli which are creating an acid environment in the stomach. At weaning, the intestinal cells take care of the acidification in the stomach. However at this moment, the piglets are still too young for an effective acid secretion.

Adding organic acids provides extra acidification in the stomach which gives the piglet enough protection during this critical phase.

Efficient *Salmonella* approach

In the light of a *Salmonella* action plan, it resulted that on farms with a higher risk, acidifying the drinking water with Agrocid super™ leads to better results.

As a preparation of the national *Salmonella* control program in Belgium, several field trials were performed by DGZ* in closed farms with a higher infection pressure of *Salmonella*. The conclusion of the test was as followed: thanks to the acidification of the drinking water with Agrocid super™ on the entire farm (max. pH 5,8), a significant reduction of the infection pressure was noted after 4 months. After 6 months, the *Salmonella* infection was completely under control.

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**Effect of acidified drinking water at different pH levels in suckling pigs**

E.V. De Busser, et al., Ghent University, Belgium, IPVS, Congress Durban 2008

The study aimed to assess the effect of different pH values of the drinking water on feed and water consumption, health and performance parameters of piglets during the nursery period under field conditions. Drinking water for pigs during the nursery period was acidified with Agrocid super™, to reach the following pH-values: pH 4, pH 5, pH 6 and pH 8.

**Conclusion:** Acidifying the drinking water for nursery pigs to pH 4 significantly decreased the intake of drinking water. The best performance (feed intake, Daily Weight Gain, mortality) was observed in pigs that received drinking water of pH 5.

**Application**

- Agrocid super™ is a liquid additional feed for sows, piglets and fattening pigs to use as an additive in drinking water.
- Add 300-1000 ml Agrocid super™ per 1000L of water, using a dosing system. If necessary, make a pre-dilution.
- Composition: lactic acid, formic acid, propionic acid, sorbic acid, citric acid, sugar and salt.

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*DGZ: Dierengezondheidszorg: Flemish research Institute