

BIOSECURITY

WHERE
HEALTH
BEGINS

Agrocid Super™ Oligo

INNOVATION IN ACIDIFICATION IN FEED AND WATER.

- complementary feed
- acidifier for drinking water



CID LINES
An Ecolab Company

Agrocid Super™ Oligo

INNOVATION IN ACIDIFICATION IN FEED AND WATER

WATER



TREATMENT

Prevent diarrhoea 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.

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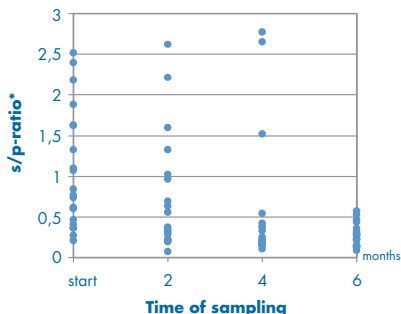
Efficient Salmonella approach

In the light of a *Salmonella* action plan, it resulted that on farms with a higher risk, acidifying the drinking water with Agrocid Super™ Oligo 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™ Oligo 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.

Proceedings of the 19th IPVS Congress, Copenhagen, Denmark, 2006 · Volume 1



*DGZ: Dierengezondheidszorg; Flemish research Institute

*s/p-ratio: is an indication of the amount of antibodies in the blood as a reaction to the presence of a *Salmonella* infection.

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™ Oligo, 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™ Oligo is a liquid additional feed for sows, piglets and fattening pigs to use as an additive in drinking water.
- Add 300-500 ml Agrocid Super™ Oligo per 1000 l of water, using a dosing system. If necessary, make a pre-dilution.
- Zinc and Dikoperchloridetrihydroxide are oligo elements which are known to enhance the growth and the feed conversion.



Packaging

Available packages: 25 kg and 220 kg.

Composition: Sodium chloride - Glucose syrup (Total sugar 0, 1%). **Analytical constituents:** 0% crude protein, 0% crude fats, 0% crude fibre, 0% lysine, 0% methionine, sodium 0,04%, 0,6% crude ash, moisture 24,9%. **Additives:** preservatives : Formic acid E236 - Propionic acid E280 - Lactic acid E270 - Citric acid E330 - sorbic acid E200. - trace elements : Dicuoperchloridetrihydroxide, 3b409-Cupric: 2100 mg / kg, Zinc chloride, monohydrate, 3b609-Zinc: 2500 mg / kg. **Identification number:** BE6328.