



The best care for newborn piglets

The number of piglets born per sow has increased considerably in recent years. Still, it is essential that all newborn piglets start ingesting colostrum as early as possible. Piglets are born with very limited fat reserves and no antibodies. Colostrum contains the antibodies they need for protection against the pathogens in their environment. Moreover, colostrum contains the nutrients that are necessary for maintaining body temperature, keeping the animal active and promoting growth. An adequate source of good quality colostrum is therefore vital.

It is often difficult to distribute colostrum evenly throughout a litter. A sow, for example, may not have enough teats, especially considering increased litter sizes. That means the less vital piglets sometimes have difficulty getting sufficient colostrum. The number of less vital piglets may increase, leading to greater variation in vitality within a litter. DaaCare® Piglet helps boost piglet vitality, particularly for those at the lower end of the vitality spectrum.

DaaCare® Piglet is a dry acid mixture made out of lauric acid, GML90, short chain organic acids and Saponins.

Lauric acid and GML90

Lauric acid is a natural product, extracted from coconut oil and palm kernel oil. It is also a natural constituent of the milk produced by mammals. Lauric acid, or rather C₁₂, is an organic acid belonging to the MCFA group (medium chain fatty acids). Lauric acid is known for its strong anti-bacterial effect against Gram-positive bacteria, such as Clostridia, Staphylococci and Streptococci.

GML90, glycerol monolaurate 90%, is a purified form of the esterification between glycerol and C₁₂. Precisely one C₁₂ molecule is linked to each glycerol molecule. Like lauric acid, this compound is known for its anti-bacterial effect. Moreover, combining lauric acid and GML90 has a synergetic effect.

Saponins

Saponins are 'natural resistance' substances extracted from selected plants, such as the Yucca



Schidigera and the Quillaja Saponaria. Research shows that they actively support the immune system. Products containing Saponins are used when administering vaccinations, to enhance the immune system response.

Supplements with Saponins are also known to reduce numbers of stillborn piglets. This has been attributed to an effect on the oxygen supply to unborn piglets. One explanation is that a reduction of ammonia leads to a greater supply of oxygen to the unborn animals. Last-born piglets have been found to benefit in particular.

Body temperature is also higher among piglets from sows fed Saponins. This could explain why these piglets experience fewer problems and are less likely to die.



Colostrum & optimising farrowing management

DaaCare®Piglet is administered to the sow through the feed (blend as top dressing or direct through the compound feed). Various field studies confirm that DaaCare®Piglet:

- Strengthens the resistance (IgG - antibody) of lightweight and medium-weight piglets, measured using the colostrum check;
- Ensures more homogeneous colostrum intake throughout the litter;
- Reduces the risk of stillborn piglets;
- Shows the best effects particularly among piglets born to younger breeding sows (parity 1 till 3);
- Increases levels of C₁₂ (lauric acid) in the colostrum and milk.

DaaCare®Piglet is an ideal tool for optimising colostrum and farrowing management. It offers less vital piglets exactly the boost they need.

Applications

DaaCare®Piglet is recommended for:

- Younger breeding sows (parity 1 till 3);
- Farms with a suboptimal colostrum management (low average IgG values).

Dosage

DaaCare®Piglet is administered via the feed in two forms:

- DaaCare®Piglet blend: 20 grams per sow per day. Starting the week before farrowing and continuing until 3 days after farrowing.
- DaaCare®Piglet: 2 kg per 1000 kg dry feed.

The product

DaaCare®Piglet contains the following ingredients:

Feed materials:

Fatty acids (caprylic, capric and lauric acid)
Mono- and diglycerides of fatty acids (GML90)
1,2 Propanediol, glycerine
Yucca Shidigera
Cornflour

Technological additives:

E236 Formic acid (85%)
E295 Ammonium formate
E260 Acetic acid (80%)
E280 Propionic acid (99.5%)
E330 Citric acid
E200 Sorbic acid
E551a Silicium dioxide

Sensory additives:

Benzoic acid
Quillaja Saponaria

DaaCare®Piglet is a mild irritant, and therefore subject to the GHS05 guidelines. These stipulate that DaaCare®Piglet must be handled in accordance with this legislation.

Pictogram:



Signal word: Warning

The following H phrases apply for DaaCare®Piglet: H315, H319 and H335.

Packaging

DaaCare®Piglet is available in two types of packaging:

- Bucket 10 kilograms (blend)
- Bags 20 kilograms (compound feed)