5 STEP PIG CONCEPT

BETTER USE OF PIGS’ GENETIC PREDISPOSITION

100% NATURAL
Scientific and practical studies show that pigs often do not make sufficient use of their hereditary predisposition for piglet and meat production. This is due to various environmental factors and stress.

Lianol 5 step Pig Concept
The Lianol 5 step Pig Concept has been developed to better exploit the genetic potential. The Lianol 5 step Pig Concept is a scientifically tested concept, based on natural products. It has been developed for sows and piglets and supports them at the crucial key moments in their life cycle.

In sows the emphasis is on supporting fertility and vitality, as well as reducing the effects of the weakened energy balance. The focus in piglets lays with the support of the immune system and the promotion of growth and gut health. In this way the possibilities of modern genetics can be put to optimal use.

In practice, the Lianol concept lays the foundation for a healthy, high-quality piglet. Therefore Lianol is used around the breeding of the piglet (step 1), around the birth (steps 2 and 3), and during the first 40 days of its life (steps 4 and 5). The animal will continue to benefit from this throughout its entire life.

Benefits of Lianol 5 step Pig Concept
• Better fertility of the sow
• More, heavier piglets
• Activation of the immune system
• Less negative effects of heat stress
• Better growth
Lianol stimulates the liver function
Lianol is a natural product that promotes the metabolism of the liver. Like this, extra body-specific IGF-1 can be produced when there is a shortage. IGF-1 stands for Insulin-like Growth Factor 1 and has numerous positive effects on organs and body cells.

Result: higher returns
Lianol enables pigs to make better use of their genetic potential under all circumstances. The result; healthy animals that perform better. The cornerstone for good returns!

The animals are stronger and healthier
Higher IGF-1 levels restore the consequences of the weakened energy balance in sows. This has a positive effect on fertility, the farrowing process, lactation, and the animals’ resistance. In addition, IGF-1 stimulates gut health, growth, and feed utilisation in sow and piglets. The immune system also gets a boost, which results in more vital, healthier animals.

Lianol basdiar and Lianol 2wean contain clay minerals, algae, dextrose, iron and selenium among others. These ingredients ensure a fast development of the small intestines and better digestion. In part because algae and clay particles form a protective layer on the intestinal villi. Pathogenic bacteria are captured and leave the body with the faeces before they can be harmful. In addition, basdiar and 2wean increase feed absorption capacity and slow down passage of the feed through the gut. This improves digestion.

Stress and suboptimal environmental factors inhibit the liver’s IGF-1 production. Lianol is a natural product that promotes the metabolism of the liver. Like this, extra body-specific IGF-1 can be produced when there is a shortage. IGF-1 has numerous positive effects on organs and body cells.

Lianol stimulates milk production.

The algae and clay particles in Lianol basdiar and Lianol 2wean form a protective layer on the intestinal villi. Harmful bacteria therefore have less opportunity and exit the body with the faeces.

Lianol Ferti, Lianol Vital & Lianol Colostr
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# MAKE THE MOST OF THE LIANOL 5 STEP PIG CONCEPT

<table>
<thead>
<tr>
<th></th>
<th>FERTILITY Sow</th>
<th>FARROWING Sow</th>
<th>BIRTH Piglet</th>
<th>FARROWING PEN Piglet</th>
<th>WEANING Piglet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediately after weaning</td>
<td>Bolus</td>
<td>Bolus</td>
<td>Just after birth (day 1)</td>
<td>In farrowing pen</td>
<td>Around weaning</td>
</tr>
<tr>
<td>Higher farrowing rate and uniform piglets</td>
<td>Smooth birth of vital, heavier piglets</td>
<td>Energy and activation of the immune system right after birth</td>
<td>Good gut development and digestion from day one are important</td>
<td>Favors gut function around weaning</td>
<td></td>
</tr>
</tbody>
</table>

Lianol results in healthy pigs. Productive animals that give job satisfaction and higher returns.
LIANOL: THE NATURAL START!

Ardol
The Lianol 5 step Pig Concept was developed by Ardol. Ardol is specialized in the development of natural additives and complementary feed for pigs, poultry, goats, and cattle. Ardol focuses on the development of new, innovative products. These provide proven, value-added solutions.

Lianol® is an innovation of Ardol BV.

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