



Effects of a special feeding concept in sows and piglets on rearing performance in the suckling period

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Introduction

With the ban on therapeutic doses of zinc and the legally required reduction of antibiotics in livestock farming, the challenges in piglet rearing are becoming more extensive. This has led to an even closer examination of the feeding concept on farms. Due to their antibacterial and energy-providing properties, medium chain fatty acids (MCFA) such as lauric acid are of particular importance in animal nutrition. In order to provide the piglet with the best possible conditions for a successful start, it is important to influence the intestinal development in a positive way as early as possible – optimally already before birth through the mother sow's diet. In a practical trial these two different nutritional regimes should be investigated together in one study: MCFA in the lactation feed together with promoting early feed intake of the suckling piglet. The aim of the present study was therefore to examine the effects of a special feeding concept for sows and piglets on the rearing performance during the suckling period.

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Control: no addition of feed additives to the lactation feed and no administration of supplemental feed to the suckling piglets in the first 5 days of life

- Lactation feed was offered from 7 days before farrowing until weaning
- From 6th day of life, the piglets in both groups were offered the same milk replacer

administered to the piglets with 75 g per liter fresh water

- **BEWI-SAN Digest** is a dietary feed based on natural dietetic components to support the development of the intestine
- Additional appetizing substances promote earliest feed consumption and are beneficial for the entire rearing period
- From 6th day of life piglets are offered **BEWI-MILK®** milk replacer

Results

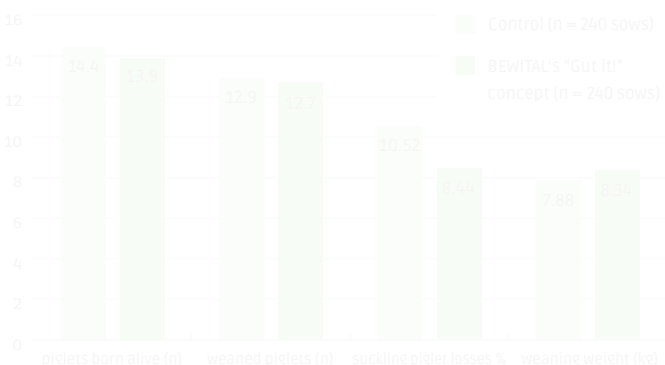


Figure 1: Results of "Gut It!"

Conclusion

- The combination of two nutritional regimes in one feeding concept in the present study resulted in reduced mortality of suckling piglets (-2.10% abs.) and higher weaning weights (+460 g per piglet).
- By adding **BEWI-FATRIX® SynerG+** to the lactation feed the germ pressure is reduced and the piglets have a healthier start to life.
- The administration of **BEWI-SAN Digest** to piglets in the first days of life promotes early feed intake and has a positive effect on intestinal maturation immediately after birth - positively influencing the health status of the animals.

Literature

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