

Preparation of the milk

The mixing rate is 1 kg of Sprayfo Porc with 8 litres of water.
Dissolve 1 kg of Sprayfo Porc in 2 litres of water of 45°C. Stir thoroughly with a whisk, and then add water at room temperature to make up to 9 litres of milk.
Sprayfo Porc stays in solution all day, but it is advisable to prepare a fresh mixture before each feeding.

Feeding instructions

Colostrum is essential for the first two days after birth.
After this period, feed Sprayfo Porc at least 3 times during the day. Feed at regular intervals in a round bowl or a trough.
To prevent overeating, the piglets should finish the milk within half an hour after feeding. Sprayfo Porc is suitable for all automatic feeding systems.

Hygiene is very important to prevent diseases: keep bowls and troughs clean.
Start feeding a pre-starter diet and clean water along with Sprayfo Porc after the first week.

Due to the change of diet when starting to feed Sprayfo Porc, the piglets may have mild diarrhoea for a few days.

Sprayfo Porc milk replacers are available in 10 kg bags.

Age	Supplemental to sows milk Litres/litter/day		Motherless rearing Litres/piglet/day	
	Sprayfo Porc	Sprayfo Porc Primo	Sprayfo Porc	Sprayfo Porc Primo
1 – 2 days	Colostrum	Colostrum	Colostrum	Colostrum
Week 1	0,5 – 1	Sows milk	0,25 – 0,5	Sows milk
Week 2	1 – 2	1 – 2	0,5 – 1	0,5 – 1
Week 3	2 – 4	2 – 4	1 – 2	1 – 2
Week 4	4	4	2	2
After weaning	3	3	0,5	0,5

This feeding schedule is for guidance only. Daily supplementation of Sprayfo Porc and Sprayfo Porc Primo depends on the weight of the piglets, the environment, the intake of dry feed by the piglets and, when fed as a supplement to sows milk, on the milk production of the sow.

Sloten makes it

For more than 50 years Sloten has been developing, producing and selling feeds based on milk and milk products, for the rearing of young animals. The quality of the products is constantly being matched with the needs of these animals. The unique recipes, as well as the sophisticated homogenization and spray-drying process owned by Sloten, are key factors in our product quality. Spray-drying liquid mixtures of fat and milk products results in encapsulated fats with the perfect fat particle size for easy digestion and a long shelf life.

SPRAYFO®

Porc



complete milk replacers

The problem

Improved sow productivity over the years has increased the number of piglets born alive. Consequently the average birth weights are lower. Moreover the milk production of the sow is often not adequate due to suboptimal feeding of the sows and environmental conditions. The results are increased piglet mortality rates, low weaning weights and depressed growth after weaning.

The solution

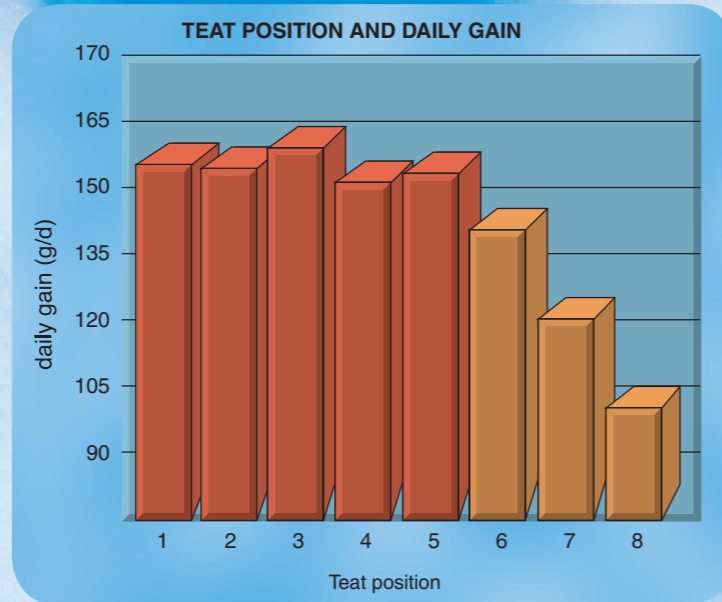
Sloten has developed Sprayfo Porc, a complete sows milk replacer. Sprayfo Porc is used either as a supplement in addition to sows milk or as a replacer of sows milk. Sprayfo Porc is very palatable, easily digested and stimulates the intake of dry feed. The use of Sprayfo Porc leads to lower piglet mortality rates, higher weaning weights, and better growth during the fattening period.



Trends in pig husbandry

Improved genetics and management of the sow are reasons for the trend towards increased piglet numbers per litter. Consequently piglets born are smaller and weaker at birth. They are more vulnerable and less competitive in fighting for the last teats. Teat number is of course a limiting factor itself.

Feeding trials with lactating sows show a direct effect of feed intake on milk production. A reduction in feed consumption from 6.5 kg to 4.5 kg per sow per day results in a decrease in milk production of more than 1 litre per day. In conclusion, there is no doubt that sows milk provides the best nutrition for young piglets. In practice however the energy requirement of the piglets is never fully satisfied. Neither good milk production nor supplementary solid feeds before weaning can realise the maximum growth potential. That is why a milk replacer is beneficial.



The Sprayfo Porc line offers two types of sows milk replacers:

SPRAYFO PORC

Based on skimmed milk powder, suitable for the very young piglets or for motherless rearing from day 3 onwards.

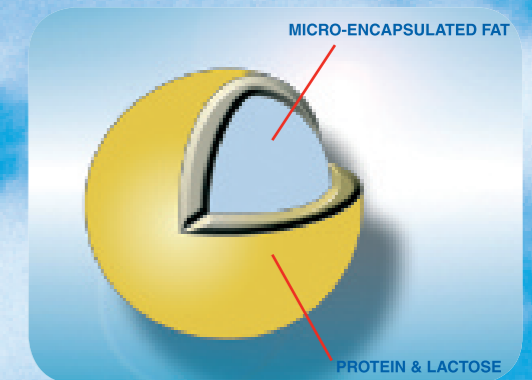
SPRAYFO PORC PRIMO

Acidified milk replacer which can be fed from day 7 onwards as a supplement in addition to sows milk, or from day 10 in a motherless rearing system.

The Product

Sprayfo Porc contains only fresh milk ingredients. It is very tasty and, due to the unique production process, it is easy to handle. The special production process decreases the particle size of the fat to a size similar to that of sows milk (2 microns), for optimal digestion. The fat droplets are encapsulated in milk protein and lactose. This leads to a longer shelf life and also makes a stable solution possible.

Extra vitamins and minerals are added to guarantee that all the dietary needs of the young animal are supplied.



Sprayfo Porc before weaning

Piglets need colostrum in order to survive. Directly after birth, colostrum is the only source of antibodies for the newborn piglet. Therefore the piglet should be fed solely on colostrum until two days after birth. Following this period there are two options: Sprayfo Porc in addition to the sows milk or Sprayfo Porc as a replacer of sows milk in a motherless rearing system. When milk production is not adequate, or litter size is big, or there are small and weak piglets in the litter, Sprayfo Porc can be given additionally. If the sow does not produce any milk or if the sow dies, Sprayfo Porc can be fed as a complete replacer of sows milk. In all situations it is important to maintain a healthy environment to ensure a high intake of feed by the piglets.



Sprayfo Safety Package

To enhance the safety of Sprayfo Porc, Sloten's R&D department has developed a complete safety programme, which we call **Sprayfo Safety Package (SSP)**. The combination of acidifiers creates a natural barrier against pathogens and enhances protein digestion in the stomach. To ensure rapid and complete energy digestion, the fat is emulsified under high pressure. Immuno Active* accelerates the development of the inborn immune system of the piglet and provides early protection. Intestinal health is stimulated by Villi Vital and Prebiotics which stimulate maturation of the small intestine and suppress bacterial growth in the large intestine. Vitamin E is an antioxidant and has an immunomodulator effect.

Sprayfo Porc after weaning

To create an easier transition from farrowing to weaning, Sprayfo Porc can be fed during the first week after weaning. It can be provided either dissolved in water or as a topdressing sprinkled onto the dry feed. Especially in the case of low weaning weights, limited feed intake before weaning, or low weaning age, administering Sprayfo Porc after weaning is a proven solution for increased feed intake.

Growth of the young piglet

By supplementing the diet with Sprayfo Porc the total feed and energy intake of the piglets is enhanced. Early intake of milk results in lower mortality, a better development of the intestinal system and increased growth. Feed intake and growth after weaning are better when the piglets are weaned at higher weights. This early weight gain is important because performance, once lost by a bad start, cannot be easily recovered later on in life.

