

JORENKU Iron Supplement



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JORENKU Ferro-Min



Ferro-Min is a supplementary feed containing iron for piglets.

The piglets' need for iron is not covered by the sow's milk and therefore, it is important to provide them with iron, as iron deficiency can lead to anemia, lower growth, and increased mortality. Iron is also central to the haemoglobin in red blood cells.

Ferro-Min iron supplement (drinking-iron) is based on Fe-glutamate, which is a special high-absorbency iron source that provides a high haemoglobin level and ensures piglets easy absorption of iron supplement.

As the only product on the market, Ferro-Min is highly concentrated, which gives low processing price.

Ferro-Min tastes good. The sour taste from the citric acid increases the digestion of liquid, which ensures the welfare of the piglets and adds extra energy through the content of sugar in the electrolytic mixture.

The added organic acids in Ferro-Min stabilise the intestine and are beneficial to the overall gastrointestinal health. Low pH in the drinking water via milk- and citric acid together with electrolytes, reduce indigestion resulting in a higher growth and increased weaning weight.

When using Ferro-Min as a supplement, infection through cannula is excluded, which reduces the problems of joint and encephalitis. Free access to iron supplement supports the pigs' own natural regulation of the haemoglobin level.

Ferro-Min is allocated immediately from birth and 3-4 weeks ahead.

Ferro-Min is available in cans with 30 kg and in drums with 120 kg and 225 kg.

JORENKU Ferro-Min



Ferro-Min

Liquid supplementary feed for piglets containing iron

- Enhances the uptake of liquid
- Supports the gastrointestinal health
- Results in higher growth
- Results in higher increased weaning weight
- Supports the regulation of haemoglobin levels



Additives
Sodium benzoate
Potassium sorbate
Fe-glutamate
Citric acid
Iron sulphate
Hydrochloric acid
Zinc oxide
Propionic acid

Product	Ferro- Min
Product type	Supplementary feed
Packaging	30 kg can 120 kg drum 225 kg drum
Intake per animal per day	25-30 ml per pig

JORENKU Fe. Min



Fe. Min is a liquid supplementary feed containing iron for piglets.

To secure a sufficiently high level of hemoglobin and not develop anemia, piglets need iron, but studies show that they only cover part of their iron needs through the sow's milk. Therefore, it is necessary to assign them extra iron.

Fe. Min iron supplement (drinking-iron) is based on Ferrous lactate, which is a special easily absorbed iron source and therefore ensures piglets an iron supplement.

Fe. Min tastes good because of the citric acid. The sour taste increases the digestion of liquid, which ensures the welfare of the piglets and adds extra energy through the content of sugar in the electrolytic mixture.

The added organic acids in Fe. Min stabilise the intestine and are beneficial to the overall gastrointestinal health. Low pH in the drinking water via milk- and citric acid together with electrolytes, reduces indigestion resulting in a higher growth and increased weaning weight.

When using Fe. Min as a supplement, infection through cannula is excluded, which reduces the problems of joint and encephalitis. Free access to iron supplement supports the pig's own natural regulation of haemoglobin levels.

Fe. Min is allocated immediately from birth and 3-4 weeks ahead.

Fe. Min is available in cans with 30 kg and in drums with 120 kg and 225 kg.

JORENKU Fe. Min



Fe. Min

Liquid supplementary feed containing iron for piglets

- Enhances the uptake of liquid
- Supports the gastrointestinal health
- Results in higher growth
- Results in higher increased weaning weight
- Supports the regulation of hemoglobin levels



Additives

Ferrous lactate
Sodium benzoate
Citric acid
Zinc oxide
Propionic acid
Potassium sorbate
Copper sulphate

Product	Fe. Min
Product type	Supplementary feed
Packaging	30 kg can 120 kg drum 225 kg drum
Intake per animal per day	25-30 ml per pig

JORENKU Ferro-Liq



Ferro-Liq is a liquid supplementary feed with iron for piglets.

Studies show that piglets' need for iron is not covered by the sow's milk. Therefore, it is important to assign extra iron because it can lead to anemia, lower growth, and increased mortality if the piglets develop iron deficiency. Furthermore, iron is central to haemoglobin in the red blood cells.

Ferro-Liq is used as iron supplement for newborn piglets. It is assigned from birth until weaning.

Because of the citric acid Ferro-Liq tastes and smells good so the piglets like it. Ferro-Liq also contains vitamin B₁₂, zinc and iron.

The benefits of using Ferro-Liq is that it can be dosed directly in the drinking water, so it is easy to use.

By continuous use of Ferro-Liq through the drinking water, pipes/hoses must be regularly cleaned with 3 % Dancid® 80/20.

Ferro-Liq is available in cans with 25 kg as well as drums with 120 kg and 225 kg.

JORENKU Ferro-Liq



Ferro-Liq

Liquid supplementary feed for piglets

Dosage

- Used in drinking water or milk cup system
- Drinking water: Usage solution should be prepared as a 1–2 % solution dissolved in water
- Milk cup system: 50 ml per kg milk



Additives
Iron sulphate
Zinc sulphate
Copper sulphate
Vitamin B ₁₂
Citric acid
Propionic acid

Product	Ferro-Liq
Product type	Supplementary feed
Packaging	25 kg can 120 kg drum 225 kg drum
Intake per animal per day	A usage solution should be prepared as a 1–2 % solution dissolved in water or 50 ml per kg milk

JORENKU Triple-Iron



Triple-Iron is a tasteful and effective iron supplement.

Piglets need iron to secure a sufficient high level of haemoglobin and not develop anemia. Studies show that the piglets only have some of their needs covered through the sow's milk, thus it is necessary to provide the piglets an extra supplement of iron.

Triple-Iron is based on three-component iron and contains i.a. vitamin C, which promotes the absorption of iron. Triple-Iron is composed so that it also acts as an electrolyte, providing a strong gastrointestinal system.

Triple-Iron is sprinkled on clean and dry floor where the sow has no direct access to it.

In cases where injected, a lower haemoglobin level is often seen in the last period before weaning. Here, Triple-Iron can profitably be used supplementary. Often, the piglets are injected at the age of 3-5 days, which in some cases can lead to arthritis. This risk is completely eliminated by the allocation of Triple-Iron, because it is allocated oral.

Three studies of Triple-Iron show, that by allocating Triple-Iron with the recommended dosage each piglet gets 1,000 mg iron.

Test result shows the following interval for Fe values

111-	73,8 %
101-110	16,7 %
91-100	7,1 %
81-90	2,4 %
71-80	0 %

As can be seen from the diagram on the next page, the desired level of haemoglobin and normal weight is achieved by assigning Triple-Iron, even if no injection is given.

Triple-Iron is available in buckets with 1 kg, 5 kg, and 10 kg and in bags with 20 kg.

JORENKU Triple-Iron



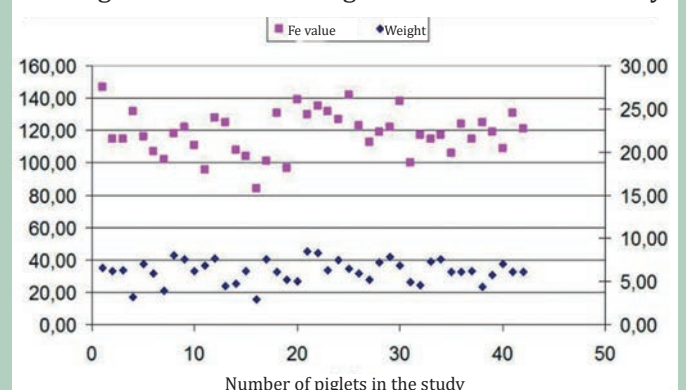
Triple-Iron Vitamin-rich supplement for piglets

- Effective
- Easy to dose
- Contains vitamin C
- Works like an electrolyte
- Tasty



Additives	
Citric acid	Copper
Calcium propionate	Iodine
Orthophosphoric acid	Cobalt
Iron	Vitamin A
Iron oxide	Vitamin C
Manganese	Vitamin D ₃
Zinc	Vitamin E

Haemoglobin value and weight between 18 and 21 days



Product	Triple-Iron
Packaging	1 kg bucket 5 kg bucket 10 kg bucket 20 kg bag
Dosage	1 cup (50 g) corresponds to the dose for 15 piglets per day First allocation: 1 cup/litter every other day. Start on days 3-5 (3 times in total) Second allocation: 1 cup/litter every other day. Start on days 14-17 (3 times in total)

JORENKU Iron Pills



Iron pills are a vitamin enriched iron supplement for piglets for covering the piglets' needs of iron.

The piglet's need for iron is not covered by the sow's milk and therefore it is important to assign them iron, because it is critical for the haemoglobin in the red blood cells. If the piglets suffer from iron deficiency it can lead to anemia, lower growth, and an increased mortality rate.

Among other things the iron pills also contain vitamin C which strengthens the mucous membrane and increases the uptake of iron.

The benefits by using iron pills are that the piglets eat what they need, and you avoid injuries from injection and thereof following arthritis.

Iron pills are spread on the floor where it is clean and dry, and where the sow cannot reach them.

Iron pills are available in bags with 20 kg.

JORENKU Iron Pills



Iron Pills

Vitamin enriched iron supplement for piglets

Dosage

- 10 g per piglet per day from day 3 and until weaning.



Additives and vitamins
Manganese
Copper
Zinc
Iodine
Cobalt
Iron
Citric acid
Orthophosphoric acid
Sodium glutamate
Vitamin A
Vitamin D ₃
Vitamin E
Vitamin C

Product	Iron Pills
Product type	Iron supplement
Packaging	20 kg bag
Intake per animal per day	10 g per piglet per day from day 3 and until weaning



JORENKU

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