

# VERVEKA IMMUNO START

Maximum milk production:  
no growth standstill!

- Safeguard animal resistance pays off -

## TYPE

Milk replacer for rearing calves

## PERFORMANCE

- + Bucket feeding
- + Storage feeding
- + Automatic feeder

## APPLICATION

- + Supports overall resistance
- + Can contribute to a lower usage of antibiotics

## EFFECTS

- Milk production
- Recovery
- Growth
- ↘ Medical costs
- ↘ Disablement

**Go for long term results by investing in the rearing period of your calves. The first 8 months of a calf's life define how a cow will perform on long term. Creating a good resistance for your animal by feeding Verveka Immuno Start. In this way you can maximize growth and you will obtain high performing heifers throughout their whole lives.**

A crucial point for the future of your livestock is to become and maintain a good resistance from birth on. A backsliding of the resistance can result in growth standstill and this can have negative effects on later milk production. Scientific research proves that maximum growth during the first weeks of a cow's life determine the metabolic programming and this determines the development of the future udder. Therefore it is crucial to already invest in your calf starting from birth on. This will result in a payback in later stages.

The high content of immunoglobulins and implementation of yeast metabolites resulted in an increased resistance which contributes to a significant growth difference.

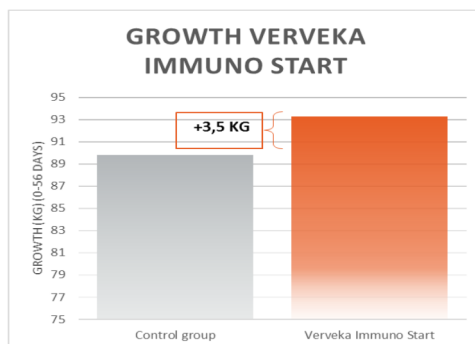


Fig.1 Growth effect Verveka Immuno Start

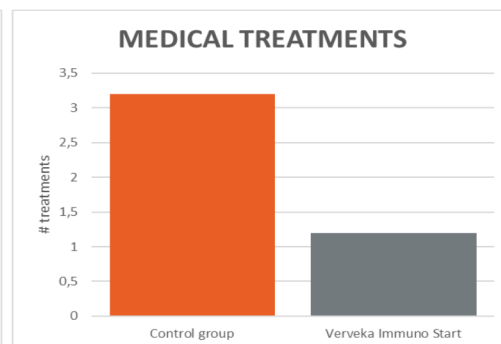


Fig. 2 Reduction #medical treatments

Our trial stable proves that a strong resistance takes care of a significant reduction in the number of treatments (fig. 2). This is not only a financial gain. Research also indicates that less antibiotic use in time translates itself in higher milk production.

Due to the immunoglobulins and yeast metabolites, the resistance of the animals is increased and foresees in long-term results. To ensure a good and adequate supply of the immunoglobulins, Verveka developed a specific product range. The product range consists of 4 milk replacers which are rich in high quality dairy raw materials. It is strongly recommended from birth to weaning to strengthen the resistance of the animal.

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### GAMMA

- + 4 milk replacers
- + Adapted to life cycle of the young calves

### ADVICE

From birth to weaning

### NEXT STEP

Mineral mix:  
Verveka ImmunoGan

VERVEKA	Immuno Prestart 60	Immuno Start 60	Immuno Start 50	Immuno Start
Protein	26 %	26 %	26 %	26 %
Fat	18 %	18 %	18 %	18 %
Ash	6,5 %	6,5 %	6,5 %	7,0 %
Crude fiber	0	0	0	0,1
Calcium	1,1 %	1,1 %	1 %	1 %
Phosphorus	0,7 %	0,7 %	0,7 %	0,8 %
Sodium	0,5 %	0,5 %	0,5 %	0,7 %
Vitamin A	25.000 IE/KG	25.000 IE/KG	25.000 IE/KG	25.000 IE/KG
Vitamin D3	5.000 IE/KG	5.000 IE/KG	5.000 IE/KG	5.000 IE/KG
Vitamin E	300 mg/kg	300 mg/kg	300 mg/kg	300 mg/kg
Vitamin C	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg
Selenium	0,2 mg/kg	0,2 mg/kg	0,2 mg/kg	0,2 mg/kg
Org. selenium	0,2 mg/kg	0,2 mg/kg	0,2 mg/kg	0,2 mg/kg
Bioplus YC	1,28*10 <sup>9</sup> CFU/kg	1,28*10 <sup>9</sup> CFU/kg	1,28*10 <sup>9</sup> CFU/kg	1,28*10 <sup>9</sup> CFU/kg
E.Faecium	2*10 <sup>9</sup> CFU/kg	2*10 <sup>9</sup> CFU/kg	2*10 <sup>9</sup> CFU/kg	2*10 <sup>9</sup> CFU/kg
Resistance	✓✓	✓✓	✓✓	✓✓
Appetizing	✓	✓	✓	✓
Immunoglobulins	*****	***	***	**
Butyrate	✓	✓	✓	✓
Intestinal health	✓	✓	✓	✓
Acidified	✓	✓	✓	✓
Toxin binding	✓	✓	✓	✓

For more information:

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