SPRAYFO

LIFESTART CALF MILK

ULTIMO

Empowering every calf to transform your dairy business



LIFESTART
SETS LIFE PERFORMANCE

trouw nutrition
a Nutreco company



A new vision for dairy farming

Elevate your dairy business with Sprayfo Ultimo, an advanced calf milk designed to support healthy growth, earlier breeding, and stronger resilience.

Calves fed Sprayfo Ultimo are better equipped to face challenges, contributing to fewer treatments, reduced culling risk, and a more robust, profitable, and sustainable herd.

Inspired by nature and proven on farm, Sprayfo Ultimo is designed with the latest LifeStart® science to help calves reach their full potential. Its unique formulation supports calves in achieving better health, stronger natural defenses, and improved performance from age at first breeding to lifetime daily yield.

Inspired by nature

Sprayfo Ultimo was developed by Trouw Nutrition's LifeStart scientists and researchers, experts in calf biology and the role of cow's milk nutrient composition in calf development. Research shows that enhancing the fat content of calf milk supports healthier body composition, improves metabolic performance, and stronger resilience throughout life.

Another breakthrough discovery shows that key fatty acids found in cow's milk signal accelerated gut development in the calf.

Early gut development is important because it supports:

- Closure of the gut wall to create a natural barrier to pathogen pressure
- Rumen papilae development, leading to improved starter feed intake
- Enhanced growth and vitality through weaning, reducing health issues and culling risk



Figure 1. Enhanced rumen development by measuring more well-defined polyps and visible papillae with Sprayfo Ultimo (right) compared to control (left) (P=0.06) Source: Wilms et al. 2024.

Sprayfo Ultimo goes beyond just feeding calves. It is designed to nurture calf development for early-life resilience and healthy, sustainable growth.





Built to nurture

Translating the fatty acid profile of cow's milk to calf milk allows us to fully utilise nature's powerful signalling function. This makes Sprayfo Ultimo a unique, nature-inspired calf milk that supports healthy gut development, paving the way for healthy growth and resilience during the earliest stages of life.

Along with the unique fatty acid profile, the total level of fat in Sprayfo Ultimo has been formulated to closely resemble the level found in cow's milk. This provides the extra energy calves need to develop a natural body composition. The use of highly bioavailable organic trace minerals optimises mineral utilisation and reduces nutrient waste.

Enriched with a new PhytoComplex, Sprayfo Ultimo goes beyond conventional nutrition by supporting gut function and strengthening calves' natural self-defence, helping them better cope with early-life challenges.

Sprayfo Ultimo goes beyond just feeding calves. It is designed to nurture calf development and healthy, sustainable growth. By promoting gut health and early-life resilience, it helps calves cope with common stressors, contributing to more consistent growth, health and vitality. The result: calves that are more robust, a more consistent environment, and a smoother rearing routine.

Sprayfo Ultimo's unique features

A natural fatty acid profile for better gut development and maturation

A natural fat content to deliver more energy and in the right form for healthy growth

A natural level of trace minerals and a unique phytogenic complex to help the calf's immune system



Proven on farm

Sprayfo Ultimo has been developed with a calf-centric approach that puts the healthy growth and development of your calves at the centre of its R&D efforts. Scientific research and on-farm trials demonstrated a revolution in performance when Sprayfo Ultimo was introduced, including:

Healthier and stronger calves

- Reduced number of health incidents, such as diarrhoea
- Increased intake levels of starter feed
- Stronger and larger calves at three months of age

Optimised calf rearing

- Earlier age at first breeding, possibly saving €40-60 per calf in rearing costs
- Fewer health interventions
- Increased milk productivity and survivability later in life

Customer testimonial — Pit Bosseler

"We've gone through both autumn and spring now, and the calves stayed healthy and lively throughout. They're vital, active, and strong."

"The calves grow more evenly, and we don't see the dips we used to. Sprayfo Ultimo helps us raise balanced, resilient young stock ready for the next stage."

Better resiliency and sustainability

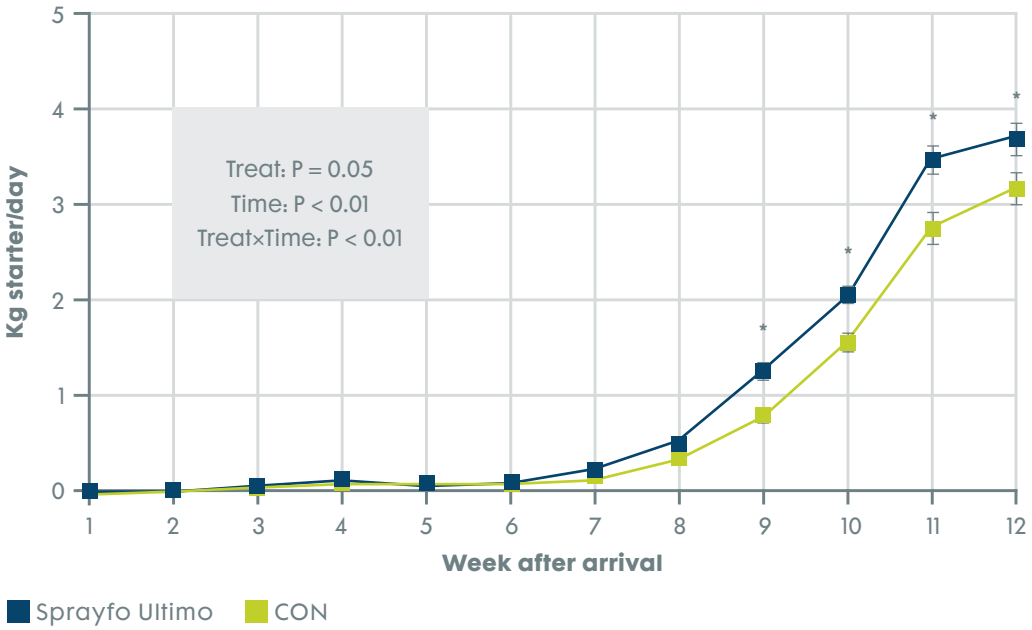
- Better utilisation of farm resources, as fewer replacement calves are required to maintain the herd
- Increased milk output of the herd
- Reduced carbon footprint per litre of milk produced



Data that proves performance

As part of Trouw Nutrition's LifeStart approach, Sprayfo Ultimo is grounded in insights from more than 55 scientific publications focused on calf biology, early-life nutrition, and long-term performance. Calves fed Sprayfo Ultimo show stronger appetite from the start, drinking more milk replacer before weaning and consuming more starter feed during and after the transition to solid feed (Figure 1).

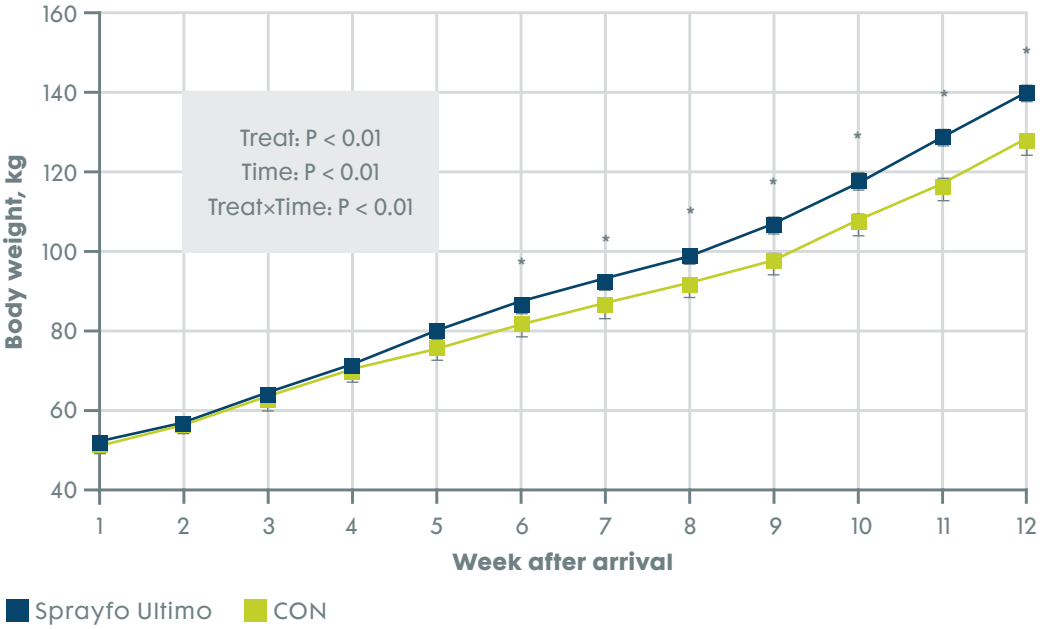
Figure 1. Intake of starter feed measured daily in group-housed calves receiving CON or Sprayfo Ultimo ad libitum from arrival to 42 d after arrival.





This higher voluntary intake results in faster growth, with higher daily gains and heavier calves from week six onward (Figure 2).

Figure 2. Body weight development measured daily in group-housed calves receiving CON or Sprayfo Ultimo ad libitum from arrival to 42 d after arrival.



Together, these results confirm that when LifeStart science is applied on farm, it delivers measurable benefits: stronger intake, smoother weaning, faster growth and more resilient calves — exactly when it matters most.

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With Sprayfo Ultimo, Trouw Nutrition brings calf milk to the next level. Inspired by nature, built to nurture and proven on farm, Sprayfo Ultimo is formulated with the latest LifeStart discoveries to revolutionise calf performance. Using our LifeStart feeding approach with Sprayfo Ultimo will ensure you realise the full potential of your calves.

Sprayfo Ultimo is designed for ambitious dairy farmers like you, who aim for natural, healthy calf development, lower rearing costs and more profit. You now have access to a new, revolutionary nutritional tool to unlock the potential of each calf and grow your business.

Contact your local Trouw Nutrition representative to learn more about Sprayfo Ultimo.



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