

CalfSmart Milk Replacers



NUTRI-LYST™



BUTYRATE

FEED FOR
GROWTH

Lakeland Agri CalfSmart Milk Replacers

CalfSmart23 & CalfSmart25

Lakeland Agri take a long term and structured approach to feed production and ruminant nutrition. Through the Lakeland **RumiSmart Sustain** feeding programme, our primary objective is to increase efficiencies inside the farm gate, which in turn, will help farmers achieve a more profitable and sustainable future.

With this in mind, **CalfSmart23 & CalfSmart25** Calf Milk Replacers have been specifically formulated to maximise health and performance in the early stages of a calf's life.

CalfSmart23 & CalfSmart25 Calf Milk Replacers are manufactured by Volac using their unique manufacturing process.

As part of Lakeland Agri's commitment to quality, both **CalfSmart23 & CalfSmart25** contain **imunopro**® from Volac, a highly concentrated bio-active milk complex, as their main ingredient. Based on concentrated Whey Protein, **imunopro**® is carefully balanced to ensure the optimal level of amino acids, fatty acids and milk sugars vital for growth, health and development of the calf.





imunopro®

imunopro® is a unique and special milk complex produced from liquid whey which carefully retains the delicate bioactive ingredients that help with calf health. It is produced by Volac following their unique manufacturing process.

imunopro® contains:

- Over 4.5% (as a % of total protein) is IgG - The protein responsible for calf health found in colostrum.
- High levels of key amino acids such as lysine and leucine for growth and muscle development.
- Elevated levels of lactoferrin which is important for gut health and has been shown to reduce scours.

imunopro® is carefully liquid blended at low temperatures to ensure all the ingredients are evenly combined and that **none of the proteins are denatured**. This precise blend is then balanced to ensure that there are the correct levels of proteins, fats and sugars for maximum growth and development.

imunopro® is formulated using true protein and individual amino acid content. True protein is the measure of the proteins that are fully available to the calf.

imunopro® has been carefully composed to ensure the calf receives the correct balance of true protein and amino acids needed for it to reach its full growth potential.



Health Packages

Both **CalfSmart23** & **CalfSmart25** contain the health packages **Butyrate** and **Nutry-lyst™**.

☼ Butyrate

- Is an energy source for the gut
- Stimulates digestive enzyme production
- Stimulates intestinal blood flow and proliferation of intestinal cells
- Contains anti microbial properties

Feeding Butyrate to young calves will have a beneficial impact on rumen health and overall growth. It improves gastrointestinal development and encourages pancreatic secretions and nutrient digestibility. This leads to better digestion, disease resistance, as well as stimulation of intestinal blood flow and production of intestinal cells, which thereby results in greater average daily-live weight gains.

☼ Nutry-lyst™

- Improves gut performance
- Improves nutrient absorption
- Decreases risk of diarrhoea

Nutry-lyst™ is a combination of four ingredients which improve gut function, encourage nutrient absorption and reduce the risk of diarrhoea.

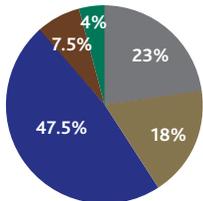
In addition, key ingredients within Nutry-lyst™ have been shown to reduce inflammation, stimulate the inner mucous layer and increase glucose absorption, therefore improving feed conversion speed.



CalfSmart23



DESIGNED TO DRIVE 750g growth per day*



P Protein
F Fat
S Sugar
M Minerals
Other**

- Great results every time
- High imunopro[®] content
- Nutry-Lyst[™] health package
- High levels of leucine

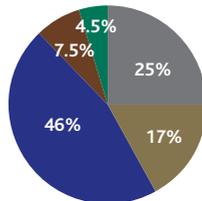
CalfSmart23

- Typically fed at a concentration similar to that of whole milk i.e. 12.5% dry matter. For high growth rates, it can be fed up to 15% dry matter.
- Fresh clean water should be available at all times from birth.
- Introduce Lakeland calf starter feed from day 1.
- Can be used in all automatic calf feeders.

CalfSmart25



DESIGNED TO DRIVE 900g growth per day*



P Protein
F Fat
S Sugar
M Minerals
Other**

- Higher protein content for increased frame growth
- Very high imunopro[®] content
- Nutry-Lyst[™] health package
- Very high leucine level

CalfSmart25

- To maximise growth rates, feed at 15% total solids.
- Fresh clean water should be available at all times from birth.
- Introduce Lakeland calf starter feed from day 1.
- Can be used in all automatic calf feeders.

*Based on recommended feeding rates with access to ad lib starter feed and water **Other* includes moisture, vitamins, residual carbohydrates and feed additives