



**Lakeland**  
**RumiSmart**  
**SUSTAIN**

Lakeland RumiSmart Sustain is Lakeland Agri's fully integrated feeding system covering soils, forage production, nutrient supply management, rumen function and animal health.

#### **NutriSmart**

Designed to supply the optimum level of nutrients in the correct balance and avoid wastage of energy, protein and minerals.

#### **RumiSmart**

Designed to provide ideal rumen conditions for the most effective nutrient digestion and absorption.

### Weaning

Weaning can start when the calf is consuming over 1kg of concentrate feed for 3 consecutive days. Calves should be weaned gradually which can be achieved by switching to once-a-day feeding if feeding twice-a-day, or reducing the volume of milk fed over the final 7 to 14 day period.



# SkimSmart

CALF MILK  
REPLACER



For more information, contact your  
Lakeland Agri Feed Representative or  
talk to our Customer Services Centre:  
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[www.lakeland.ie](http://www.lakeland.ie)

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AGRI

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## About Us

Lakeland Agri operates a state of the art animal feed mill located in Lough Egish, Co. Monaghan. This milling facility is approved by the Department of Agriculture, Food and the Marine and is also accredited to the U.F.A.S. quality standard.



Lakeland Agri are also members of

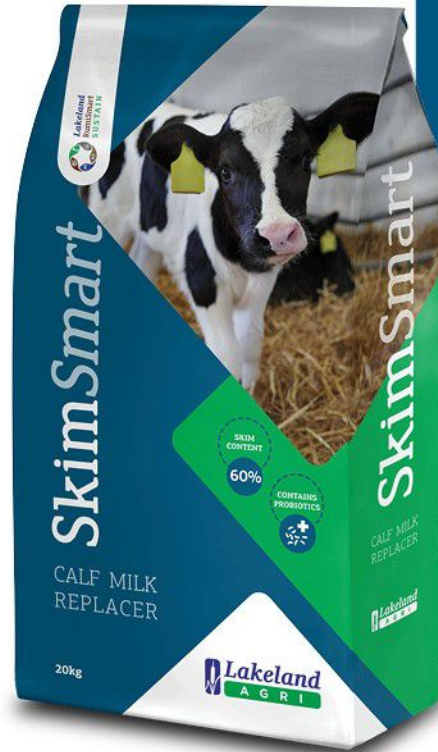
Food Fortress which is an industry wide initiative to enhance assurance in the supply chain and allow the agri-food industry to promote local, traceable and quality assured produce.

As part of our commitment to quality, our on-site laboratory tests all raw materials and finished feed to ensure our customers are supplied with a product of the highest quality and one which guarantees full traceability. At Lakeland Agri, we take a long term and structured approach to feed production and ruminant nutrition. As our primary objective is to meet the specific requirements of our customers, all products in the Lakeland Agri range are supported by our professional sales team and a nutrition department that is driven by technical excellence.



### METABOLIC PROGRAMMING

*These recommendations are used in early life nutrition and growth to influence gene expression and maximise performance in later life.*



SkimSmart from Lakeland Agri is a high skim content calf milk replacer, specially formulated to maximise health and performance in the early stages of the calf's life. In doing so, this sets the young calf on its way to achieving optimum performance in later life.

SkimSmart uses only top quality ingredients. The result is a high quality, consistent, soft-flowing and well acidified nutrient source which significantly reduces the risk of diarrhea in the young calf. Furthermore, the addition of Probiotics reduces the risk from scour causing bacteria.

## Feeding Plan

- 1 Twice daily feeding is recommended.
- 2 Introduce Lakeland Munchy Calf Muesli from day 5.
- 3 Clean fresh water and high quality straw should be available at all times.
- 4 Feed only freshly mixed drinks.

## Bucket Mixing and Feeding Charts

### TRADITIONAL TWICE-A-DAY FEEDING CHART (40KG CALF)

Age (day)	L of mixed milk (calf/day)	Powder concentration (g/l)	No. of feeds (calf/day)	Powder (g/calf/day)	Water (l/calf/day)
1-2	4-6	Colostrum	2		
3-49	5	125	2	625	4.4
50-56	2	125	1	250	1.75

### RECOMMENDED TWICE-A-DAY FEEDING CHART FOR METABOLIC PROGRAMMING

Age (day)	L of mixed milk (calf/day)	Powder concentration (g/l)	No. of feeds (calf/day)	Powder (g/calf/day)	Water (l/calf/day)
1-2	4-6	Colostrum	2		
3-7	5	150	2	750	4.25
8-42	6	150	2	900	5.1
43-56	5	150	2	750	4.25
57-63	2	150	1	300	1.7

## SkimSmart Features

- High quality protein source helps maximise calf growth and development.
- Forms a curd in the abomasum which is slowly digested.
- Probiotics balance the gut and protect against pathogens in the gastro-intestinal area.
- High levels of vitamins (including B vitamins) and minerals to promote animal health and performance.

HIGH SKIM CONTENT

60%

CONTAINS PROBIOTICS



PROTEIN

23%

FAT

18%

### MANAGEMENT GUIDELINES

SkimSmart Calf Milk Replacer can be used in all automatic calf feeders. Always adhere to manufacturer's recommendations and instructions regarding machine calibration and usage.

SkimSmart Calf Milk Replacer can be used for once-a-day feeding from day 28 onwards.

Recommended Mixing Temperature 42-45°C.

Recommended Feeding Temperature 38-39°C.

For best results, a thermometer should be used.