



SmartFeed®  
Smart Growth

Celtilait



The successful dairy cow is grown from birth  
Optimize your results by choosing a new  
concept of milk replacer

## A 23 MFN

Premium Quality Whey Based Milk Replacer  
for Dairy Replacements and High Potential Beef calves

### SmartFeed concept

- Precision Whey based formulation for rapid early frame growth.
- Well balanced formulation containing high levels of energy and quality dairy protein.
- Well stocked with amino acids, fat and lactose.
- Suitable for all milk feeding systems including automatic feeders.
- Contains a natural plant extract to help prevent Coccidiosis and protect the intestinal lining to improve nutrient absorption.

### A 23 MFN

Produced by a  
Dairy Processor

100% soluble proteins,  
essentially  
from dairy origin

Fortified with vitamins  
and trace elements  
to meet all requirements

Fats are incorporated  
by Spray-drying  
process for better  
digestibility

Contains probiotics  
(Enterococcus Faecium)  
to prevent digestive  
disorders

Dissolves readily  
in warm water at  
45/50°C

FT SmartFeed A23 GB MFN-107-20241220



Designed for automatic feeders

# A 23 MFN

Premium Quality Whey Based Milk Replacer  
for Dairy Replacements and High Potential Beef calves

## TECHNICAL CHARACTERISTICS

### Composition

Whey, Delactosed whey, Buttermilk, Rapeseed oil, Wheat protein, Palm oil, Coco oil, Starch(Wheat), Sodium Chloride, Magnesium sulphate, Monopotassium phosphate, Calcium carbonate.

Contains only fats of vegetable and dairy origin

### Analytical constituents (%)

Crude protein .....	23.0
Crude fats .....	18.0
Crude fibre .....	0.0
Crude ash .....	8.1
Calcium .....	0.7
Sodium .....	0.9
Phosphorus .....	0.8

### Additives (per kg)

<b>Antioxidants</b>	
E321 B.H.T. ....	44 ppm
<b>Preservatives</b>	
1a330 Citric acid .....	2 375 mg
<b>Vitamins</b>	
3a672a Vit. A (Retinyl acetate) .....	25 000 UI
3a671 Vit. D3 .....	10 000 UI
3a700i Vit. E (all-rac-alpha-tocopheryl acetate).....	500 UI
3a711 Vitamin K3 .....	5 mg
3a820 Vitamin B1 .....	10 mg
3a300 Vitamin C (L-ascorbic acid).....	150 mg
<b>Trace-element</b>	
3b103 Iron (monohydrate ferrous sulphate) .....	100 mg
3b405 Copper (Copper(II) sulfate, pentahydrate).....	8 mg
3b603 Zinc (Zinc sulfate, monohydrate).....	120 mg
3b503 Manganese (Manganese sulfate, monohydrate).....	65 mg
3b503 Iodine (Calcium iodate, anhydrous).....	0,2 mg
3b801 Selenium (Sodium selenite).....	0,2 mg
<b>Gut flora stabiliser</b>	
4b1708 Enterococcus Faecium NCIMB 11181 .....	1,5 x 10 <sup>9</sup> CFU

The ingredient composition declared is subject to change subject to raw material availability.

## FEEDING INSTRUCTIONS

- Rate : 110 - 145 g of powder per litre of reconstituted milk.
- Warm half of the required water at 45-50° C.
- Add **A 23** and mix.
- Make up to the required volume with warm water.
- Feed to calves at 38 - 40° C.

## HOUSEKEEPING TIPS

- Keep feeding equipment clean.
- Clean all feeding equipment thoroughly after each use.
- Turn over buckets before stacking them.
- Store bags in a dry place.
- Close bags after each feeding.
- Make sure to feed at the correct temperature (38-40°C).
- Make sure fresh clean water is available at all times.
- Regular quality certification of your water supply is recommended.

## INDICATIVE FEEDING PROGRAMME

2 meals per day (concentration 145 gr of reconstituted milk)

Age	Volume/meal	Number of meal/day	Milk powder + water	
1 - 4 <sup>th</sup> day	2,0 / 2,5 litres	2	Colostrum	Minimum 4 litres colostrum before 10/12 hours of life
5 <sup>th</sup> day in the morning	2,0 litres	1	HYDROPLUS	Water + straw or hay + dry feed ab libitum
5 <sup>th</sup> day in the evening	2,5 litres	1	0,360 kg (1kg + 6 litres water)	
6 - 7 <sup>th</sup> day	2,5 litres	2	0,360 kg (1kg + 6 litres water)	
2 <sup>nd</sup> week	3,0 litres	2	0,430 kg (1kg + 6 litres water)	
3 <sup>rd</sup> to 6 <sup>th</sup> week	3,5 litres	2	0,500 kg (1kg + 6 litres water)	
7 <sup>th</sup> week	2,5 litres	2	0,360 kg (1kg + 6 litres water)	
8 <sup>th</sup> week	2,5 litres	1	0,360 kg (1kg + 6 litres water)	
9 <sup>th</sup> week	2,5 litres	1	0,360 kg (1kg + 6 litres water)	
10 <sup>th</sup> week	2,5 litres	1	0,360 kg (1kg + 6 litres water)	
11 <sup>th</sup> week	Weaning when the heifer consumes at least 2 kg dry feed / day			

1 meal per day (concentration 200 gr of reconstituted milk) from the 3<sup>rd</sup> week

Age	Volume/meal	Number of meal/day	Milk powder + water	
1 - 4 <sup>th</sup> day	2,0 / 2,5 litres	2	Colostrum	Minimum 4 litres colostrum before 10/12 hours of life
5 <sup>th</sup> day in the morning	2,0 litres	1	HYDROPLUS	Water + straw or hay + dry feed ab libitum
5 <sup>th</sup> day in the evening	2,5 litres	1	0,360 kg (1kg + 6 litres water)	
6 - 7 <sup>th</sup> day	2,5 litres	2	0,360 kg (1kg + 6 litres water)	
2 <sup>nd</sup> week	3,0 litres	2	0,430 kg (1kg + 6 litres water)	
3 <sup>rd</sup> week	4,0 litres	1	0,800 kg (1kg + 4 litres water)	
4 <sup>th</sup> to 6 <sup>th</sup> week	4,5 litres	1	0,900 kg (1kg + 4 litres water)	
7 <sup>th</sup> week	3,5 litres	1	0,700 kg (1kg + 4 litres water)	
8 <sup>th</sup> week	2,5 litres	1	0,500 kg (1kg + 4 litres water)	
9 <sup>th</sup> week	2,0 litres	1	0,400 kg (1kg + 4 litres water)	
10 <sup>th</sup> week	2,0 litres	1	0,400 kg (1kg + 4 litres water)	
11 <sup>th</sup> week	Weaning when the heifer consumes at least 2 kg dry feed / day			



### Memo Colostrum :

- Be careful of hygiene : colostrum collection (udder, collection bottle, etc...)
- Assess the quality of colostrum (colostrometer, refractometer)
- Feed immediately after milking or refrigeration
- 2 litres within the first 4 hours of life, then 2 litres within 12 hours.

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