

## PRODUCT DESCRIPTION

**Fokkamel** is an acidified whey-based, water-soluble complete milk replacer. The product is using more than 80% dairy ingredients, combined with carefully selected, high quality vegetable proteins. This formula provides all the building blocks, vitamins and minerals necessary to optimize calf growth and is an excellent solution for rearing calves all over the world.

## KEY BENEFITS

- ✓ Acidified --> antibacterial action
- ✓ Dairy content 80%
- ✓ Automatic and bucket feeding
- ✓ Safe rearing

## CAREFULLY SELECTED VEGETABLE PROTEINS

*Solubility – Digestibility – Stability*

- Absence of anti-nutritional factors
- Excellent solubility (NSI) and stability
- Optimal digestibility

ANALYSIS OF CONSTITUENTS			
Protein (typical/min.)	%	21.0	20.0
Fat (typical/min.)	%	16.0	15.0
Ash (typical/max.)	%	8.0	9.0
Fibre (typical/max.)	%	0.2	0.3
Humidity (typical/max.)	%	3.0	4.0
pH-value			5.5-5.8
Lactose (typical/min.)	%	42.5	40.0
<b>Lactic acid (typical/min.)</b>	<b>%</b>	<b>1.5</b>	<b>1.0</b>
Lysine	%	1.6	1.5
Methionine	%	0.4	0.35
Threonine	%	0.9	0.85
Omega-3 (ALA)	ppm	2750	2500
Probiotics in winterformula			
Bacillus licheniformis			0.65 x 10 <sup>9</sup>
Bacillus subtilis			0.65 x 10 <sup>9</sup>
Enterococcus faecium			2.50 x 10 <sup>9</sup>
Total bacterial count			3.80 x 10 <sup>9</sup>

ADDITIVES		
Anti oxidants		
BHT	ppm	25
Vitamins		
Vitamin A	IU/kg	25000
Vitamin D	IU/kg	4500
Vitamin E	mg/kg	300
Vitamin C	mg/kg	300
Vitamin B1	ppm	16
Vitamin B2	ppm	10
Vitamin B6	ppm	10
Vitamin B12	ppb	80
Vitamin K	ppm	5.5
Folic acid	ppm	1.0
Pantothenic acid	ppm	23
Niacine	ppm	50
Trace elements		
Fe	ppm	150
Zn	ppm	170
Mn	ppm	40
Cu	ppm	10
I	ppm	1.3
Se	ppm	0.4



## COMPOSITION

- Whey powder
- Vegetable oils (palm/coconut – 80/20)
- Wheat protein concentrate (hydrolyzed)
- Soy protein concentrate
- Premix

## STORAGE

- ✓ Avoid storing this product in warm conditions. Always keep the product out of direct exposure to sunlight.
- ✓ Never store in moist places or near any sources of water.
- ✓ Secure stockroom against all possible breeding ground of insects.
- ✓ Ensure storage area is clean at all times.

## CALF MANAGEMENT

- Proper colostrum management is crucial. Colostrum should be fed as soon as possible; 4L within 4 hours and again 2.5L within 12 hours after birth. High colostrum quality (brix >22) is important.
- To prepare the milk, first dissolve the powder in 2/3 of the total amount of water, at 50-55°C. Then add the remaining 1/3 of water at room temperature until the drinking temperature of 39°C is reached.
- Automatic feeding systems should be calibrated regularly. Water temperature should be programmed at 42°C, check the water temperature regularly.
- Hygiene is crucial: clean any materials that come in contact with the milk thoroughly.
- Give concentrate from day 3 onwards. Give in small amounts and not more than is consumed. Change the feed regularly. Calves can be weaned when they eat > 1.5 kg of concentrate per day.
- Regularly check the color and solidity of the calves' dung.
- Ensure that the calves have fresh drinking water at their disposal from 3 days of age.
- Supply roughage in the form of chopped straw or hay.

## FEEDING SCHEDULE

Mixing ratio = 145 g to 1 L drinking water

Drinking temp. 39 °C

1 kg of milk powder in 7 L water gives 8 L milk

SCHEDULE		
Age	Colostrum	
1st feeding	within 4 hours after birth - 4L	
2nd feeding	within 12 hours after birth - > 2.5L	
	Conventional feeding L / feeding	Feedings / day
day 2-7	2	2
week 2	2.5	2
week 3	3	2
week 4	3	2
week 5	3	2
week 6	3	2
week 7	2.5	2
week 8	2	2
week 9	1	2

- As a general rule, calves need to drink 10-15% of their bodyweight/day in the first week and 15-20% of their body weight/day after 8 days.
- Our feeding schedule is a good guideline, but some calves might need special attention (The amount of milk should be adjusted to the needs of the calves).

## PACKAGING

FOKKAMEL is packed in 20 kg bags.

