

LAMMOMEL 24/24

1. PRODUCT DESCRIPTION

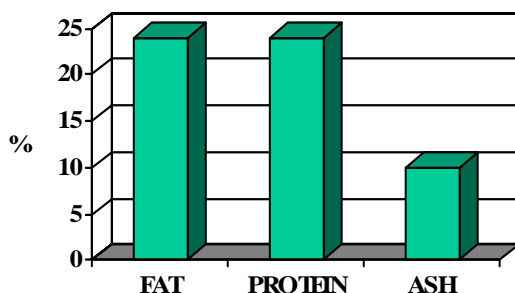
Lammomel 24/24 a whey based water-soluble complete milkreplacer. The use of acids in combination with cold soluble dairy raw materials makes it an ideal product for rearing and fattening lambs.

2. USE

Lammomel 24/24 is mixed with water of 25-45°C. The product can be given to lambs after receiving colostrum. Lammomel 24/24 can be used in bucket feeding, stock feeding, as well as in automatic feeding systems.

3. ADVANTAGES

Adapted protein and fat levels: The digestive system of lambs is very sensitive for changes. A good start for lambs is essential for a good growth and high milk production. Lammomel 24/24 offers a well-balanced high digestible fat/protein level, to avoid digestive problems.



Automatic feeding: The good constant flowing properties and constant density of Lammomel 24/24 ensure that Lambs always receive the programmed quantity. This prevents overfeeding and suboptimal technical results. Nukamel has investigated thoroughly in controlling the physical parameters of Lammomel 24/24 and in keeping them at a constant level.

This makes the product very suitable for use in automatic feeding systems.

Cold soluble and stock feeding: Lammomel 24/24 can be diluted in water with lower temperature than normal milkreplacers. The raw materials were specifically developed to obtain good emulsifying properties and to ensure a long stability.

Minerals: All necessary minerals are included at the optimal level. Many minerals are important for the physiology of the animal. For instance:

- ✓ Magnesium : important for the nervous system, building blocks of bones
- ✓ Manganese: important for fat digestion, bone formation, fertility
- ✓ Zinc: shortages result in skin diseases and Zinc is part of many enzymes and important for cell-division
- ✓ Iron: building blocks of haemoglobin in red blood cells.
- ✓ Selenium: for muscle building

Emulsizym®. Lammomel 24/24 is produced with Emulsizym®, the Nukamel technology that replaces the need for antimicrobial growth promoters. Emulsizym® is developed after years of extensive research. Emulsizym® combines natural antibacterial short chained and medium chained fatty acids, a higher and faster protein digestibility and the addition of nutritional emulsifiers to increase the solubility and digestibility of the fats. These steps lower the fermentation in the hind gut and decrease the pressure of pathogenic bacteria. This results in a better animal performance and health status.

LAMMOMEL 24/24

4. PACKAGING

Lammomel 24/24 is packed in a 25-Kg bag.



5. STORAGE

- ✓ Avoid storing this product in warm conditions. Always keep the product away from direct exposure to sunlight.
- ✓ Never store in moist places or near any sources of water.
- ✓ Ensure that the storage area is clean at all times and secure against insect infestations.

6. MICROBIOLOGICAL FIGURES

Total bacterial count	: max. 1 000 000/g
Entero bacteria	: max. 1000/g
E coli	: absent in 0.1 g
Salmonella	: absent in 25g
St aureus	: absent in 1g
Yeasts and moulds	: Max 1000/g

7. ANALYSIS

		Average	
Humidity	%	4.0	
Crude protein	%	24.0	
Crude Fat	%	24.0	
Crude ash	%	10.0	
Crude fibre	%	0.02	
PH		5.8 – 6.3	
Lysine	%	1.8	ll. dig. 1.7
M+C	%	1.0	0.9
Treo	%	1.4	1.2
Trypt	%	0.4	0.3
Vitamin A	IU/kg	50 000	
Vitamin D3	IU/kg	4 000	
Vitamin C	mg/kg	300	
Vitamin E	mg/kg	300	
Ca	%	0.8	
P	%	0.6	
K	%	2.5	
Cl	%	2.0	
Fe	ppm	45	
Cu	ppm	3	

All other vitamins and trace minerals are added according to the nutritional demands

Composition: Whey powder, palm oil, wheat protein concentrate, coconut fat.

LAMMOMEL 24/24

8. FEEDINGSCHEDULE

Directives

- ✓ After birth, the cord has to be disinfected immediately
- ✓ Give sufficient colostrum (min. 100 ml/time) within the first day in min. 6 feedings.
- ✓ Switch to Lammomel on day 2.
- ✓ Consult the feeding schedule for the amount of milk on the next page.
- ✓ 1 kg powder + 5 liters of water, gives ca. 6 liters of milk
- ✓ Take care that the water is 25-50 °C for the preparation of this milk. Stir it well for a while.
- ✓ Feed the milk for the first days on a temperature of 37°C and through a bucket with a teat. When the lamb drinks very well, place it in the group; this will enable an easy feeding of the milk through the lambar.
- ✓ Provide max. 250 ml in one feeding the first 3 days.
- ✓ Take care that the lambs do not suck air through the teat in order to keep them from swelling up.
- ✓ The lambs should not drink from the mother after the colostrum; otherwise it will be difficult to feed them milk replacers.

Feeding with the Lambar

Age	Feeding	Indication of (L/d)	Drink temp.
day 2-3	ad lib.	1.2	37°C
d. 4-7	ad lib.	1.6	room temp
week 2	ad lib.	1.8	room temp
w. 3-4	ad lib.	2.2	room temp

Individual feeding

Age	Feeding (L/d)	number of feedings a day	Drink temp.
day 2	1.0 – 1.4	6	37°C
day 3	1.0 – 1.4	4-5	37°C
d. 4-7	1.4 – 1.8	4	room temp
week 2	1.6 – 2.0	3	room temp
w. 3-4	1.8 – 2.6	2	room temp

As soon as the lambs weigh 17 kg., they can be weaned. This is normally at 7 weeks of age. Take care that they have enough hay and concentrates available from the second week on. During the 3rd week, they should have enough water at their disposal.

Mixture table

Milk quantity (L)	Quantity milk-powder (g)	Quantity water (L)
0.5	80	0.415
1	160	0.830
1.5	250	1.250
2	330	1.660
2.5	420	2.080
3	500	2.500
3.5	580	2.915
4	670	3.330
4.5	750	3.750
5	830	4.160
5.5	920	4.600
6	1 000	5.000