

## Feeding plan automatic feeding

### Energized Calf Milk (ECM) 135 g / litre milk

Age	Colostrum per day	Colostrum phase
Day 1	6.0 L	First colostrum, 4 litres within the first hour: Total 6 L
Day 2	3 x 2.0 L	Colostrum
Day 3	3 x 2.0 L	Colostrum (+water)

Age	Energized Calf Milk per day	Mixing ratio ECM + water	Other feed components (+ free access to water)
Day 4 - 7	3 x 2.0 L	135 grams / litre milk	
Day 8 - 14	3 x 2.5 L	135 grams / litre milk	starter pellet

#### Transfer healthy calves from single housing to automatic feeder after 10 – 14 days

Phase	Days	Portions	From	Till	Concentration set in automatic feeder (equals 13.5% Dry Matter)		
Step up	7	4	7	7.5 L	150 grams / litre milk	starter pellet	chopped straw
Main	21	4	7.5	7.5 L	150 grams / litre milk	starter pellet	chopped straw
Step down	28	3	6	1.5 L	150 grams / litre milk	starter pellet	chopped straw

**NOTE:** most automatic feeders dose milk powder on a litre of water, so 150 g/l milk equals 13.5% dry matter content.

#### Colostrum period

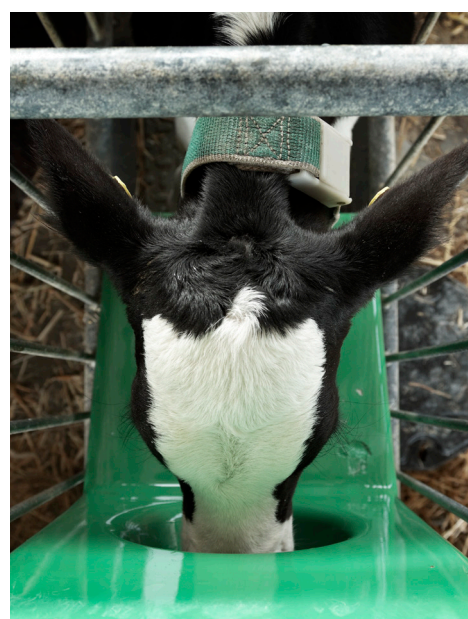
- ▶ Milk the cow after calving and feed the calf 4 L of colostrum of controlled quality within the first hour after birth.
- ▶ Ensure a 2<sup>nd</sup> colostrum feed by milking the cow a second time 9 - 15 hours after calving.
- ▶ Feed warm (40°C) colostrum 2 times a day or feed ad libitum in a teat bucket.
- ▶ Switch over from colostrum to Energized Calf Milk at day 3 or 4.

#### Check feeding machine and calves

- ▶ Check and clean the opening for powder dosing on a daily basis.
- ▶ Check the powder level in the storage fust and supplement when needed.
- ▶ Check the functioning of the drinking machine and make sure it is calibrated regularly.
- ▶ Inspect the overall health of the calves.
- ▶ Consult the alert list and closely examine the calves mentioned on the list.

#### Weaning moment

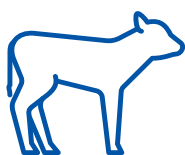
- ▶ Wean from a minimum age of 9-10 weeks.
- ▶ Intake of starter feeds / concentrates needs to be more than 1.5 kg a day.
- ▶ Calves need to be healthy and well-developed.
- ▶ Avoid stress-full procedures such as de-budding or re-grouping at the time of weaning.



## Mixing outline

Adequately mix Energized Calf Milk (ECM) with water to provide a dry matter content of 135 g (13.5%) per litre of milk

Step 1 Take water at 50°C	Step 2 Add ECM to dissolve and stir firmly	Step 3 Complete up to the required litres at 40°C
2 litres	0.4 kg	3 litres
4 litres	0.8 kg	6 litres
6 litres	1.2 kg	9 litres
8 litres	1.6 kg	12 litres
10 litres	2.0 kg	15 litres
12 litres	2.4 kg	18 litres
13 litres	2.7 kg	20 litres
17 litres	3.4 kg	25 litres
20 litres	4.1 kg	30 litres
23 litres	4.7 kg	35 litres
27 litres	5.4 kg	40 litres
30 litres	6.1 kg	45 litres
33 litres	6.8 kg	50 litres
37 litres	7.4 kg	55 litres
40 litres	8.1 kg	60 litres
43 litres	8.8 kg	65 litres
47 litres	9.5 kg	70 litres
50 litres	10.1 kg	75 litres
53 litres	10.8 kg	80 litres
57 litres	11.5 kg	85 litres
60 litres	12.2 kg	90 litres
63 litres	12.8 kg	95 litres
67 litres	13.5 kg	100 litres



Energized Calf Milk can be easily prepared manually with a bucket and a whisk.

For larger amounts it is very convenient to use a milk mixer.

A feeding machine should be set correctly for the right dry matter proportion.

Feed Energized Calf Milk to your calves at a temperature of 40°C.

