

# Feeding plan automatic feeding

## Sprayfo LifeStart = 150 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	Sprayfo per day	Mixing ratio Sprayfo + water (equals 15% DM)	Other feed components (+ ad lib water)
Day 4 - 7	3 x 2.0 L	150 grams / litre milk	
Day 8 - 14	2 x 3.0 L	150 grams / litre milk	starter pellet

Transfer healthy calves to drinking machine at the age of 12 - 14 days

Age	days	portions	from	fill	Concentration		
start	7	4	6	7 L	170 g / L water	starter pellet	chopped straw
main	14	4	7	7 L	170 g / L water	starter pellet	chopped straw
weaning	28	3	6	1 L	170 g / L water	starter pellet	chopped straw

### 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 Sprayfo 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.

**NOTE:** most automatic feeders dose milk powder on a litre of water.

### Weaning moment

- Wean from a minimum age of 9 weeks.
- Intake of starter feeds / concentrates needs to be more than 1.5 kg a day.
- Calves need to be healthy and well-developed.



# Mixing outline for the first 14 days

Adequately mix Sprayfo with water to provide a dry matter amount of 150 g per litre of milk

Step 1 Take water at 50°C	Step 2 Add Sprayfo to dissolve	Step 3 Complete up to the required litres at 40°C
2 litres	0.45 kg	3 litres
4 litres	0.9 kg	6 litres
6 litres	1.3 kg	9 litres
8 litres	1.8 kg	12 litres
10 litres	2.2 kg	15 litres
12 litres	2.7 kg	18 litres
14 litres	3.0 kg	20 litres
17 litres	3.7 kg	25 litres
20 litres	4.5 kg	30 litres
23 litres	5.2 kg	35 litres
27 litres	6.0 kg	40 litres
33 litres	7.5 kg	50 litres
40 litres	9.0 kg	60 litres
47 litres	10.5 kg	70 litres
53 litres	12.0 kg	80 litres
60 litres	13.5 kg	90 litres
67 litres	15.0 kg	100 litres



Sprayfo 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 Sprayfo to your calves at a temperature of 40°C.



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