



# Feeding Plan Bucket System | Newborn calves

Milkivit ONE is designed to be fed to calves as soon as possible after the colostrum phase and as close to appetite as possible.

Milkivit ONE should be at a concentration of 135 g/litre and a temperature of 42°C, with the objective to feed between 38 - 40°C. Feeding frequency should be at least twice per day.

Age	Colostrum per day	Colostrum phase
Day 1	6 L	4 litres of clean, high antibody colostrum within 4 hours after birth; followed up by a further 2 litres of within 12 hours of birth.
Day 2	6 - 8 L	Colostrum OR Transition milk/Milkivit ONE*
Day 3	6 - 8 L	Colostrum OR Transition milk/Milkivit ONE*

Age	Milkivit ONE per day	Feed phase	OTHER FEEDS
Day 4 - 7	6 - 8 L	Increase volume to appetite	<p><b>Concentrates:</b> a suitable concentrate should be offered daily, after colostrum feeding phase, with rejected feed removed</p> <p><b>Forage:</b> good quality chopped straw should be offered after colostrum feeding phase</p> <p><b>Water:</b> clean, fresh water must be available at all time</p>
Week 2	8 - 10 L		
Week 3	8 - 10 L	Peak of feed curve – feed as close to appetite as possible	
Week 4	8 - 10 L		
Week 5	8 - 10 L		
Week 6	8 - 10 L		
Week 7	8 - 10 L		
Week 8	8 - 10 L		
Week 9	8 L	Weaning period	
Week 10	6 L		
Week 11	4 L		
Week 12	2 L		



**\*IMPORTANT** Please read the other feeding recommendations and attention points for the colostrum and weaning phase at the back of this leaflet.



## Feeding Plan Bucket System | Calves > 48 hours old

When introducing Milkivit ONE to older calves (>48 hours old) who have received milk other than colostrum, consider implementing this 3-day transition phase:

Transition phase	Feeding recommendations
Day 1	Mix 50% transition milk/whole milk with 50% Milkivit ONE E.g. 2 L of transition milk + 2 L of mixed Milkivit ONE (135 g/L)
Day 2	Mix 25% transition milk/whole milk with 75% Milkivit ONE E.g. 1 L of transition milk + 3 L of mixed Milkivit ONE (135 g/L)
Day 3	Remove transition milk/whole milk. Only feed Milkivit ONE
Day 4 - 7	From here, continue all recommendations of the previous page, starting with day 4-7.

### Attention points colostrum phase:

- **Colostrum** is defined as the first milk produced after calving.
- Use of a refractometer to measure colostrum quality is recommended. Regular testing and benchmarking of passive transfer ensures farm specific colostrum protocols are successful.
- **Transition milk** is defined as the second through fourth milkings after calving.
- If transition milk feeding is not possible (due to availability, disease status or feeding logistics) the recommendation is to move directly to Milkivit ONE after the colostrum feeding phase. Refer to your veterinarian for animal health concerns.

### Attention points weaning period.

- Weaning should take place over a 4-week period.
- Calf should be consuming a minimum of 2.5 kg of concentrates per day for 3 consecutive days before milk is removed.
- Avoid other changes at point of weaning (e.g. regrouping, feed change) to minimise stress.
- For less developed calves, extend milk feeding period by 1-2 weeks.