

# FARMER GUIDE

## MIXING RATES



### To feed 3 Litres of Milk Replacer/Calf/Feed @ 15% solids

No. of calves	Litres of milk required to feed No. of calves	Milk powder required	Approx water required
1	3l	450 g	2.5 l
2	6l	900 g	5.1 l
3	9l	1,350 g	7.6 l
4	12l	1,800 g	10.2 l
5	15l	2,250 g	12.7 l
6	18l	2,700 g	15.3 l
7	21l	3,150 g	17.8 l
8	24l	3,600 g	20.4 l
9	27l	4,050 g	22.9 l
10	30l	4,500 g	25.5 l

### Feeding Instructions:

1. Weigh the required amount of powder using scales.
2. Measure the required amount of water (no warmer than 45°C).
3. Add the powder to half the required water.
4. Mix the powder thoroughly to ensure no lumps.
5. Top up to the required finished volume.
6. Feed Milk replacer at body temp (37-39°C).
  - Ensure calves receive enough good quality colostrum (3L or 10% of body weight within first 2 hours after birth).
  - Fresh water, concentrates & roughage must be provided fresh daily.
  - During periods of cold weather increase the volume of milk fed or increase the concentration of the milk replacer
  - 50kg Calf (0-3 weeks of age) - feed an extra 100g milk powder/day for each 10°C drop in temperature <20°C, i.e. at 0°C, feed an extra 200g per day.
  - Calf >3 wks, feed an extra 100g milk powder/day for each 10°C drop in temperature <10°C, i.e. at 0°C, feed calves an extra 100g per day.



No. of calves

Mixing rate:

Water requirement:

Powder requirement:



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### To feed 2.5 Litres of Milk Replacer/Calf/Feed @ 12.5% solids

No. of calves	Litres of milk required to feed No. of calves	Milk powder required	Approx water required
1	2.5l	313 g	2.1 l
2	5l	625 g	4.3 l
3	7.5l	938 g	6.5 l
4	10l	1250 g	8.7 l
5	12.5l	1563 g	10.9 l
6	15l	1875 g	13.1 l
7	17.5l	2188 g	15.3 l
8	20l	2500 g	17.5 l
9	22.5l	2813 g	19.6 l
10	25l	3125 g	21.8 l

No. of calves

Mixing rate:

Water requirement:

Powder requirement:

### Feeding Instructions:

1. Weigh the required amount of powder using scales.
  2. Measure the required amount of water (no warmer than 45°C).
  3. Add the powder to half the required water.
  4. Mix the powder thoroughly to ensure no lumps.
  5. Top up to the required finished volume.
  6. Feed Milk replacer at body temp (37-39°C).
- Ensure calves receive enough good quality colostrum (3L or 10% of body weight within first 2 hours after birth).
  - Fresh water, concentrates & roughage must be provided fresh daily.
  - During periods of cold weather increase the volume of milk fed or increase the concentration of the milk replacer.
  - 50kg Calf (0-3 weeks of age) - feed an extra 100g milk powder/day for each 10°C drop in temperature <20°C, i.e at 0°C feed an extra 200 g per day
  - Calf >3 wks, feed an extra 100g milk powder/day for each 10°C drop in temperature <10°C, i.e. at 0°C, feed calves an extra 100g per day.



- Volac instant calf milk replacers can be fed at concentrations ranging from 10% to 20% dry matter, depending on the feeding system and growth rate required, but always mix at the chosen concentration consistently.
- All Volac Calf milk replacers can be used in a once a day feeding system from 28 days of age providing calves are eating enough solid feed to constitute a second feed.
- All Volac calf milk replacers are suitable for use in computerised feeding systems.