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# FARMER GUIDE

## Mixing Milk



You're spending good money on a top-quality milk replacer in order to give your calves the best possible start in life. Here's how to make the most out of your investment.

### Temperature

Water used to mix milk replacer should always be below 45°C – otherwise you'll damage the proteins which are essential to calf performance.

Milk should be fed at a consistent temperature of between 37–39°C – a consistent temperature helps ensure a good oesophageal groove closure which channels milk into the abomasum.

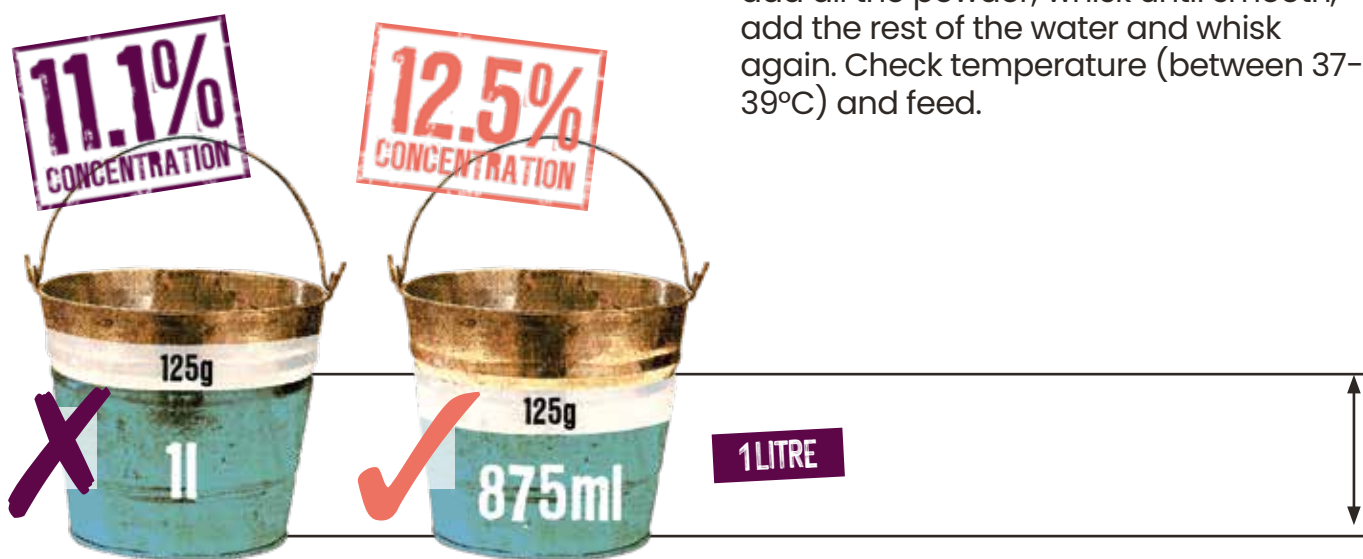
The spillage of milk into the rumen will increase the risk of scours, resulting in poor growth.

### Concentration

Be consistent in your mix – you can use any concentration between 10 and 15% solids, but once you've chosen **do not vary** that concentration.

To mix your milk correctly use scales to weigh the milk powder accurately. For a concentration of 12.5% solids, use 125g of powder to 875ml water to make up 1 litre of mixed milk. Using a full litre of water will lead to a weaker (11.1%) milk concentration.

Take half the water (below 45°C) and add all the powder; whisk until smooth, add the rest of the water and whisk again. Check temperature (between 37–39°C) and feed.





# How to mix the milk

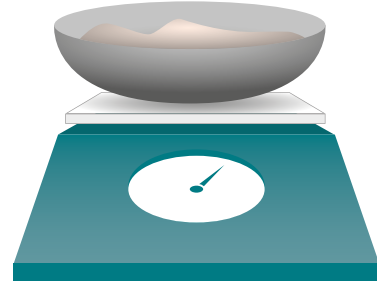
1

Add half the water below 45°C to the clean bucket



2

Weigh the powder



3

Add powder to the bucket and mix thoroughly until smooth



4

Add remaining water and mix thoroughly



5

Check temperature is 37–39°C and feed

