

**Estimated Gains Feeding 45kg calf  
at 15% DM (150g = 1L) at 4°C  
For three selected milk replacers**

Top line each row describes calf, environment, milk replacer and mixing rate for each table. **BOLD** type in each row indicates the best estimate of growth. Growth may be limited by either available energy or protein. Milk replacer analysis is given in percentage dry matter with protein first and fat second.

45kg calf @ 4 C	20-20 MR mixed for	150g per litre
	Estimated gain (g/da)	Estimated gain (g/da)
Amount fed daily	based on energy	based on protein
4 litres (600g powder)	<b>180</b>	350
5 litres (750g)	<b>420</b>	470
6 litres (900g)	630	<b>590</b>
7 litres (1050g)	820	<b>700</b>
8 litres (1200g)	1000	<b>820</b>

45kg calf @ 4 C	28-15 MR mixed for	150g per litre
	Estimated gain (g/da)	Estimated gain (g/da)
Amount fed daily	based on energy	based on protein
4 litres (600g powder)	<b>210</b>	>480
5 litres (750g)	<b>440</b>	>600
6 litres (900g)	650	>700
7 litres (1050g)	>800	>800
8 litres (1200g)	>900	>1000

45kg calf @ 4 C	28-20 MR mixed for	150g per litre
	Estimated gain (g/da)	Estimated gain (g/da)
Amount fed daily	based on energy	based on protein
4 litres (600g powder)	<b>260</b>	>480
5 litres (750g)	<b>500</b>	>600
6 litres (900g)	>700	>700
7 litres (1050g)	>800	<b>&gt;800</b>
8 litres (1200g)	>1000	<b>&gt;1000</b>

Projections using NRC2001 equations.