



Milk Replacer Feeding Charts For Calves

Manual Mixing Instructions for Mapleview Agri Calf Milk Replacer Products:

1. First determine the total number of litres of milk to be fed.
2. Measure half of this volume as hot water (50-60 degrees C max).
3. To determine the total amount of powder needed: use a scale and weigh 130g - 150g times the number of litres of milk to be fed. (eg.15L of milk requires 15 x 130g which equals 2kg of powder.)
4. Add this milk replacer to the hot water and mix until dissolved.
5. Add the remaining water to obtain the total desired volume, aiming for a final drinking temperature of 40-44 C. Re-mix before feeding. It is helpful to mark the number of litres on the side of the pail or mixing barrel to measure the water volume.



Note 130g milk replacer/L is recommended to achieve a level of solids that resembles that of whole milk. However, when the ability to feed higher volumes of milk is restricted, 150g of milk replacer/L is a viable option to provide an adequate level of nutrition.*

Suggested Feeding Rates Based on Temperature

	Summer - 130-150 g/L		Winter - 130 -150 g/L	
	Warmer than 0°C		Cooler than 0°C	
Age	Litres/Day	Feedings/Day	Litres/Day	Feedings/Day
Day 1	Use Immunolife 200 to provide 300g of IgG within the first 12 hours of life.			
Week 1	4-6 L	2	6 L	2
Week 2	5-7 L	2	7-8 L	2
Weeks 3-5	7-10 L	2	8-12 L	2
Week 6	6-8 L	2	7-9 L	2
Week 7	3-4 L	1	3-5 L	1
Week 8	2-3 L	1	2-4 L	1

***This chart is to be used as a guide only. Monitor all calves and take into consideration their size, condition, health and weight when deciding on appropriate feeding rates. Actual performance will vary.*

Quantity of Milk Replacer Mixed Into L of Water (150g/L)

Total Solution (L)	1	2	3	4	5	6	7	8	9	10	11	12
Water (L)	0.85	1.7	2.55	3.4	4.25	5.1	5.95	6.8	7.65	8.5	9.35	10.2
Powder (Kg)	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.65	1.80
Total Solution (L)	13	14	15	16	17	18	19	20	21	22	23	24
Water (L)	11.05	11.9	12.75	13.6	14.45	15.3	16.15	17	17.85	18.7	19.55	20.4
Powder (Kg)	1.95	2.10	2.25	2.40	2.55	2.70	2.85	3.00	3.15	3.30	3.45	3.60
Total Solution (L)	25	26	27	28	29	30	31	32	33	34	35	36
Water (L)	21.25	22.1	22.95	23.8	24.65	25.5	26.35	27.2	28.05	28.9	29.75	30.6
Powder (Kg)	3.75	3.90	4.05	4.20	4.35	4.50	4.65	4.80	4.95	5.10	5.25	5.40
Total Solution (L)	37	38	39	40	41	42	43	44	45	46	47	48
Water (L)	31.45	32.3	33.15	34	34.85	35.7	36.55	37.4	38.25	39.1	39.95	40.8
Powder (Kg)	5.55	5.70	5.85	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20
Total Solution (L)	49	50	51	52	53	54	55	56	57	58	59	60
Water (L)	41.65	42.5	43.35	44.2	45.05	45.9	46.75	47.6	48.45	49.3	50.15	51
Powder (Kg)	7.35	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	9.00

Quantity of Milk Replacer Mixed Into L of Water (130g/L)

Total Solution (L)	1	2	3	4	5	6	7	8	9	10	11	12
Water (L)	0.87	1.74	2.61	3.48	4.35	5.22	6.09	6.96	7.83	8.7	9.57	10.44
Powder (Kg)	0.13	0.26	0.39	0.52	0.65	0.78	0.91	1.04	1.17	1.30	1.43	1.56
Total Solution (L)	13	14	15	16	17	18	19	20	21	22	23	24
Water (L)	11.31	12.18	13.05	13.92	14.79	15.66	16.53	17.4	18.27	19.14	20.01	20.88
Powder (Kg)	1.69	1.82	1.95	2.08	2.21	2.34	2.47	2.60	2.73	2.86	2.99	3.12
Total Solution (L)	25	26	27	28	29	30	31	32	33	34	35	36
Water (L)	21.75	22.62	23.49	24.36	25.23	26.1	26.97	27.84	28.71	29.58	30.45	31.32
Powder (Kg)	3.25	3.38	3.51	3.64	3.77	3.90	4.03	4.16	4.29	4.42	4.55	4.68
Total Solution (L)	37	38	39	40	41	42	43	44	45	46	47	48
Water (L)	32.19	33.06	33.93	34.8	35.67	36.54	37.41	38.28	39.15	40.02	40.89	41.76
Powder (Kg)	4.81	4.94	5.07	5.20	5.33	5.46	5.59	5.72	5.85	5.98	6.11	6.24
Total Solution (L)	49	50	51	52	53	54	55	56	57	58	59	60
Water (L)	42.63	43.5	44.37	45.24	46.11	46.98	47.85	48.72	49.59	50.46	51.33	52.2
Powder (Kg)	6.37	6.50	6.63	6.76	6.89	7.02	7.15	7.28	7.41	7.54	7.67	7.80

