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

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Milk Replacer Lamb Feeding Chart

Manual Mixing Instructions:

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 amount of powder use a scale and weigh 190g times the number of litres of milk to be fed. (eg. 16L of milk requires 16 x 190g which equals 3kg 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.

Computer Feeding Instructions

1. Calibrate the computer to add 235g of milk replacer per litre of water dispensed. This will result in 190g/l of reconstituted milk.

Age	Volume of Milk Solution Per Feeding	Feedings / Day
Day 1	200ml of colostrum	4
Day 2-7	200ml increasing to 300ml	4
Day 8-14	500ml	3
Week 3-4	700ml	Reduce from 3 to 1 over the 3 weeks

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Milk Replacer Kid Goats Feeding Chart

Mixing Instructions:

1. First determine the number of litres of milk to be fed.
2. Measure half of this volume as hot (47-60 degree) water.
3. To determine the amount of powder use a scale and weigh 150g times the number of litres of milk to be fed. (eg. 20L of milk requires 20 x 150g which equals 3kg of powder.)
4. Add this milk replacer to the hot water and mix until dissolved.
5. Add remaining water to obtain desired volume aiming for a final drinking temperature of 40 C. Re-mix prior to feeding.

Age	Volume of Milk Solution Per Feeding	Feedings / Day
Day 1-2	250ml of colostrum	4
Day 3-14	300ml increasing to 500ml	3
Day 15-42	800ml	2
Week 7	500ml	2
Week 8	500ml	1

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