



Prime Life® Milk Replacer Program Update November 2022

FAQs

Q: Why is Form-A-Feed making changes to the milk replacer program?

A: The changes to the milk replacer program were initiated by the new nutrient requirements in NASEM 2021, established and accepted by academia and industry for nutritional standards in dairy cows and their replacements. We took this opportunity to make a few other changes to the program to meet the ever-changing needs of our customers.

Q: What nutrients have been changed because of the new nutrient requirements?

A: Most of the nutrient changes have taken place within the micronutrients (vitamins and trace minerals) resulting in some minor adjustments to our nutritional guarantee on the tags. We took the opportunity to level up our trace mineral program to be 100% organic sources for the highest bioavailability in the industry. There were also some key changes to intake recommendations, shifting from static dry matter intake recommendation by pounds to intake as a percent of body weight. They created a tiered set of requirements based on Low, Moderate, and High milk replacer feed rates.

Q: Besides changes to the formula and tag, are there changes the end user will have to make to feed the new formulas?

A: Yes. Some products have altered feed rates to fit the Low (1.25% BW), Moderate (1.5% BW) and High (>2.0% BW) feeding categories. Previously, all Form-A-Feed milk replacers were formulated for 1.25# dry matter feed rates. If the milk replacer the customer has been feeding lands in the Moderate category there are now new mixing instructions to correspond to the elevated feed rate. Products in the High and Low categories will use the same mixing instructions as before.

	Low (1.25% BW)	Moderate (1.5% BW)	High (>2.0% BW)
Products	20-20 Conventional 20-24 <i>Conventional HE</i>	22-18 Advanced 24-22 <i>Advanced</i>	26-17 <i>Accelerated</i> 28-15 Accelerated

Q: Some of those product names look a little different than before, are they new products?

A: No. The Protein-Fat designations are the same for all our products as before. We have altered a few of the names to create continuity in naming convention so that it is simpler to define which products fall into the three different feeding categories. The products written in *italics* in the chart above have an altered name but are the same products the customer has been used to apart from the changes previously discussed.

Q: Were any products removed from the program that now need to be replaced?

A: No, no products have been discontinued at this time.

Q: Were any products added to the program through this update?

A: Yes, a new **28-25 Accelerated Jersey** formula has been created. This is a critical addition for our Jersey customers. The reformulation around intakes as a percent of body weight in the High category created too much of a disparity between Jersey and Holstein calves to have just one formula for both breeds.



Prime Life® Products

FEATURES	PRODUCTS		
	CONVENTIONAL	ADVANCED	ACCELERATED
	20850172 PL 20-20 CONVENTIONAL NM	20852172 PL 22-18 ADVANCED DX	20857172 PL 26-17 ACCELERATED BOV
	20851172 PL 20-20 CONVENTIONAL DX	20853172 PL 22-18 ADVANCED BOV	20855172 PL 28-15 ACCELERATED BOV
	20854172 PL 20-24 CONVENTIONAL HE DX	20857172 PL 24-22 ADVANCED BOV	22617172 PL 28-15 ACCELERATED DX
			20859172 PL 28-25 JERSEY ACCELERATED DX
FEATURES & BENEFITS			
Milk Replacer liquid, % BBW	8-10	10	16-20
Solids Fed, % BBW	1-1.25	1.5-1.75	2-2.5
Milk Replacer solids Conc, %	12-12.5	13.5	14-17
Milk Replacer Protein, %	20	22-25	25-28
Milk Replacer Fat, %	20	18	15-17
VTM pack, %	100% organic sources	100% organic sources	100% organic sources
Additives	Stealth 5®	Stealth 5	Stealth 5 + DFM
ADG, lb/d	0.5	1.3	1.8-2.20
Recommended calf starter protein levels, %	18	20	20-22

Advanced and Accelerated programs capitalize on efficiency of early growth.



Milk Replacer Mixing and Feeding Directions

Begin feeding Prime Life® milk replacer on the second day of life. Calves should receive multiple feedings of colostrum during the first 24 hours of life (first feeding within four hours of life).

Conventional & High Energy Milk Replacers

Designed to be fed at 1.25% of body weight.

Mix 10 oz (0.625 lb) of milk replacer powder* into 2 quarts warm water (110° F) and mix thoroughly.

Best feeding temperature is 100-105° F.

Feed reconstituted milk replacer as listed on the table below twice daily:

Calf Weight (lb)	Quarts fed per feeding, twice daily
75	1 ½
100	2
125	2 ½
150	3

*Medicated with Lasalocid 72.6 g/ton. Feed continuously to provide 45.4 mg lb per 100 of body weight daily.

*Medicated with Decoquinatate 36.3 g/ton. Feed continuously to provide 22.7 mg per 100 of body weight daily.

Adjust weekly to maintain milk replacer solids intakes at 1.25% body weight daily.

Typically fed 2 quarts twice daily on the first week, 3 quarts twice daily week 2 to week before weaning, 3 quarts one daily at the week of weaning. Calves should be eating a minimum of 2 lb of starter day at weaning.

Advanced Milk Replacers

Designed to be fed at 1.5% of body weight.

Mix 10 oz (0.625 lb) of milk replacer powder* into 2 quarts warm water (110°F) and mix thoroughly. Best feeding temperature is 100-105°F.

Feed reconstituted milk replacer as listed on the table below twice daily:

Calf Weight (lb)	Quarts fed per feeding, twice daily
63	1 ½
83	2
104	2 ½
125	3

*Medicated with Lasalocid 60.6 g/ton. Feed continuously to provide 45.4 mg lb per 100 of body weight daily

*Medicated with Decoquinatate 30.3 g/ton. Feed continuously to provide 22.7 mg per 100 of body weight daily

Adjust weekly to maintain milk replacer solids intakes at 1.5% body weight daily.

Typically fed 2 quarts twice daily on the first week, 3 quarts twice daily week 2 to week before weaning, 3 quarts one daily at the week of weaning. Calves should be eating a minimum of 2 lb of starter day at weaning.

Accelerated Milk Replacers

Mix 16 oz (1 lb) of milk replacer powder* into 3 quarts warm water (110°F) and mix thoroughly.

Best feeding temperature is 100-105°F.

*Medicated with Lasalocid 60.6 g/ton. Feed continuously to provide 45.4 mg lb per 100 of body weight daily.

*Medicated with Decoquinatate 28.37 & 30.3 g/ton. Feed continuously to provide 22.7 mg per 100 of body weight daily.

Typically fed **3 quarts twice** daily on the first week, **4 quarts twice** daily week 2 to week before weaning, 3 quarts once daily at the week of weaning. Calves should be eating a minimum of 2 lb of starter day at weaning.