

Opti-Milk Essential™

Medicated Milk Replacer

- 22.5% protein, 20% fat
- Essential premium nutrition to support healthy young calf growth and set the foundation for their productive future.
- Bovatec®: For control of coccidiosis, and improved rate of gain and feed efficiency.
- Clarify®: Seasonally added to help decrease fly populations by stopping them in their larval stage.

Calf Care 22:20™

Non-Medicated Milk Replacer

- 22% protein, 20% fat
- Multi-purpose economical replacer for a healthy start and growth for any calf.

Milk Replacer Features:

- Milk Protein: for maximum protein digestibility and utilization by the calf.
- Organic Trace Minerals: for optimum bioavailability.
- MOS: a yeast extract prebiotic to develop and support a healthy gut microbiome and increase nutrient absorption.
- b-Glucan: A natural prebiotic that promotes the innate immune system's ability to fight pathogens.
- MCTs: Medium chain triglycerides allow for maximum energy to be quickly allocated to growth and development.
- Balanced Fatty Acid Profile: Broader source of energy for growth and optimal weight gain. Mimics whole milk profile for more efficient utilization.
- Plasma: a highly digestible source of functional proteins, which enhance immunoglobulin levels for optimal intestinal environment and protection against disease causing pathogens.
- Superior Mixability: Protein encapsulated fats provide unique technology for superior mixing, and improved fat digestibility for increased performance.

Find more milk replacer options at poulingrain.com

Beef Mineral™

All-season, free choice, loose mineral for all classes of cattle.

Ideal for natural, pasture fed beef.

- Balanced levels of minerals and vitamins, crucial to grass based and forage only diets
- Highly bioavailable forms of trace minerals optimize animal health and productivity.
- Formulated for the Northeast to compensate for vitamin and mineral deficiencies in forages.
- Optimum levels of vitamin E and organic selenium to provide strong antioxidant protection and immunity.
- Palatable to encourage consistent consumption.
- Weatherized – no caking or clumping, and reduced nutrient loss from leaching.
- No medication, growth stimulants or hormones.
- Optimized trace mineral package promotes improved immunity and hoof integrity with reduced infections, reduced inflammation, enhanced fertility, increased fiber digestibility, reduced rumen reactivity with less microbial damage
- Contains copper, do not feed to sheep

Calcium	Min	13.20 %
Calcium	Max	15.84 %
Phosphorus	Min	6.50 %
Salt	Min	18.00 %
Salt	Max	21.60 %
Magnesium	Min	6.50 %
Cobalt	Min	40 PPM
Copper	Min	1,250 PPM
Iodine	Min	200 PPM
Manganese	Min	3,500 PPM
Selenium	Min	32 PPM
Zinc	Min	5,000 PPM
Vitamin A	Min	250,000 IU/LB
Vitamin E	Min	350 IU/LB

Beef Raising Guidelines

Day 1: Feed 4 quarts of high quality colostrum (>200 IgG) within 2-6 hours of birth. Feed another 4 quarts colostrum 12 hours later.

Day 2- 60: Feed **Opti-Milk Essential** (Contains Bovatec) OR **Calf Care 22:20 Non-Medicated Milk Replacer**.

Day 2- Week 11: Offer free choice **Opti-Caf** or **AlphaLine Start calf starter** (both contain Bovatec), up to 7 lbs/day, beginning with small amounts. Calf should be eating 3-4 lbs starter/day by weaning at 60 days.

Day 28- Onward: Offer a small handful of hay daily (ideally 5-10% of total dry feed).

Week 12- 15 months: Transition gradually from calf starter to an equal amount of **Opti-Heifer Pellet** (Contains Bovatec) or **Textra 18%** (non medicated), or **Ultra 20% pellet** (non medicated), increasing amounts daily, up to 6-8 lbs daily. Can introduce high quality fermented feeds such as haylage or silage. Offer free choice forage.

Finisher: 15 Months - Finishing: Free choice forages (fermented feeds or hay) and 6-12 lbs/ day of one of the following products depending on forage quality:

Hi-Line 16% Pellet, Ultra 20% Pellet, Stock NCA Sweet 16%, Textra 14%, 16%, or 18% (all non medicated).

Breeding/ Lactating: 15 Months- Onward: Free choice forages (fermented feeds or hay) and 6-8 lbs/ day of one of the following products depending on forage quality: **Hi-Line 16% Pellet, Stock NCA Sweet 16%, Textra 14%, 16%, or 18%** (all non medicated).

Quality grass based or forage only diets: Offer free choice **Beef Mineral** (all natural, non medicated) to all classes of beef cattle. Optimum intake is 4 oz/d.

Poor quality or lack of forage: Feed **Forage Extender Pellets** to replace up to half of the forage in the diet, pound for pound.

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POULIN GRAIN
Leading Animal Nutrition

Opti-Caf™

Highly palatable textured calf starter with rumen development and digestive support

- MOS prebiotic to maintain healthy digestive function
- Steam flaked corn increases starch digestion & energy
- Organic minerals for optimal bioavailability
- Diamond V® XP yeast culture for gut health and feed efficiency
- Bovatec® for control of coccidiosis
- Clarify® seasonally added to decrease fly populations

AlphaLine® Start

A full-potential calf starter designed for a seamless transition from milk, and to develop a robust rumen that supports high intakes for exceptional growth

- High quality protein sources and amino acids balanced to support exceptional growth
- Carbohydrate sources including starch, sugar and soluble fiber to avoid nutritional scours at high intake levels, and to support young ruminant papillae
- Bovatec® for control of coccidiosis
- Clarify® seasonally added to decrease fly populations

Opti-Heifer™

An 18% high energy heifer pellet that supports high growth rates for size and stature from a complete and balanced nutrient profile based on current research.

- Bovatec® helps boost feed efficiency and gain without compromising feed intake

Hi-Line 16%™ + Ultra 20%™

Medium energy pellet

- Fortified with vitamins and minerals
- To be fed with good quality forage

Textra™ Feeds

High energy textured feed

- Available in 14%, 16%, 18% protein
- Fortified with vitamins and minerals
- Quality ingredients to provide consistent and proper nutrition

Stock NCA Sweet 16%™

Textured feed for a variety of stock

- No copper added, suitable for sheep, goats and cattle
- Yeast culture for improved gain and feed efficiency

Forage Extender™

Essential quality fiber for when hay is poor quality or in short supply

- May be used to replace up to half of the forage in the diet on a pound for pound basis.
Find full nutrient analysis at poulingrain.com

NEW Cattle 40™ Show Pellet

Ultra-high protein top dress pellet for dairy and beef calves, heifers, and young stock, designed to promote lean muscle growth and accelerated stature for sale prep and show.

- Chromium for improved immune function, growth and overall health.
- GIT Activator™ probiotics, prebiotics and enzymes for digestive health and maximum nutrient utilization
- Highly bioavailable forms of trace minerals for optimized health and max bloom
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		Opti-Caf	AlphaLine Start	Opti-Heifer	Hi-Line 16%	Ultra 20%	Stock NCA Sweet 16%	Textra 14%	Textra 16%	Textra 18%
Crude Protein %	Min	22.00	22.0	18.00	16.00	20.00	16.00	14.00	16.00	18.00
Crude Fat %	Min	3.50	3.00	3.50	3.00	3.50	3.50	3.00	3.00	3.00
Crude Fiber %	Min	7.00	8.50	7.00	10.00	8.00	9.00	10.00	9.00	9.00
ADF %	Max	8.50	12.50	11.00	15.00	12.00	12.00	13.00	12.00	11.00
Calcium %	Min	0.90	0.50	0.80	0.90	0.90	0.75	0.95	0.95	0.95
Calcium %	Max	1.15	0.85	1.20	1.40	1.30	1.25	1.25	1.25	1.25
Phosphorus %	Min	0.50	0.45	0.60	0.65	0.50	0.50	0.55	0.55	0.55
Salt %	Min	-	-	-	0.50	0.50	0.50	0.50	0.5	0.50
Salt %	Max	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00
Potassium	Min	-	-	-	1.00	0.90	-	1.00	1.00	1.00
Selenium (PPM)	Min	0.40	0.60	0.60	0.40	0.60	0.40	0.50	0.50	0.50
Vit A (IU/LB)	Min	5000	6000	5000	4250	5500	5500	5000	5000	5000
Lasalocid (Bovatec®)	mg/lb	33	33	37.5	0	0	0	0	0	0

(Bovatec® is a trademark of Zoetis, Clarify® is a trademark of Wellmark International, Diamond V® is a trademark of Cargill, Inc.)



Forage quality, breed and other conditions determine ideal products and amounts that should be fed.

Contact Poulin Grain for complimentary forage testing and diet balancing for optimal performance!

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