

BEEF RAISING GUIDELINES



Colostrum	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.
Milk Replacer	Day 2 - 60	Feed Opti-Milk Essential (Contains Bovatec) OR Calf Care 22:20 Non-Medicated Milk Replacer according to the chart below. (Talk to your Poulin Grain feed specialist for more product options).
Water	Day 2, Onward	Offer free choice, fresh, clean water at all times.
Starter	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.
Hay	Day 28, Onward	Offer a small handful of hay daily (ideally 5-10% of total dry feed).
Grower	Week 12 to 15 months	At 12 weeks, 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 (Steer or heifer)	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.

MILK REPLACER FEEDING SCHEDULE

	Week 1-2 (Day 2-14)	Week 3-5 (Day 15-35)	Week 6-7 (Day 36-49)	Week 8 (Day 50-56)	Week 9 (Day 57-60)
Feedings per day	2x	2x	2x	1x	1x
Finished Milk Volume Per feeding	3 qts	4 qts	3 qts	3 qts	2 qts
Milk replacer powder per feeding	2 ½ cups (0.8 lbs)	3 ⅓ cups (1.1 lbs)	2 ½ cups (0.8 lbs)	1 ¼ cups (0.4 lbs)	⅝ cup (0.3 lbs)

For best results, weigh powder. Cup measurements are approximate. This feeding schedule uses two 50 lb bags of milk replacer per calf.

MILK REPLACER MIXING

1. Take half the required amount of water at 120-130° F.
2. Add the milk replacer powder. Whisk thoroughly for 1 minute.
3. Add remaining water to required amount of mixed milk.
4. Feed at 105-107°F.



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

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