

ALPACA



Key Features of Northeast Alpaca & Llama Maintenance and Milk and Cria Products

- **Organic trace minerals** improve bioavailability and utilization
- **Selenium** is organic selenomethionine, a more available source to meet NRC Se recommendations
- **Higher zinc levels** promote healthy skin tissues
- High levels of antioxidants **Vitamin E** and **Selenium** for healthy immune function
- **Vitamin E** levels meet or exceed NRC 2007 and Van Saun (2010) recommended levels for maintenance, pregnancy and lactation
- **XP yeast fermentation culture** promotes healthy microbial fermentation and fiber digestion
- **Low Starch and Sugar** levels from digestible fiber help maintain a healthy balance of fermentation bacteria, minimizing acidosis and metabolic problems
- **Maximum Vitamin D-3** supports proper bone development and Vitamin D skin production in dark pigment animals
- **Copper** in our pellet feeds is maintained at naturally occurring ingredient levels, typically 10-20 ppm, no copper is added
- **B Vitamins** include **Biotin** to promote healthy strong foot horn and **Thiamine** to supplement natural microbial production that can be disrupted by feed changes

Poulin Grain Inc. alpaca/llama camelid feeds are formulated to meet or exceed updated camelid nutrition recommendations from the 2007 Nation Research Council and 2010 Robert Van Saun, DVM, PhD, Penn State

Poulin Grain Northeast products are designed to balance Northeast hays and pasture diets for all life stages.

FEEDING GUIDELINES PER DAY (LBS)

Northeast Alpaca/Llama Milk & Cria		Alpaca	Llama
Birth		Free Choice	Free Choice
Growth to Yearling		0.5	1
Yearling		0.5 - 0.75	1-1.50
Pregnant / Lactating		1-2+ to body condition	1-3+ to body condition
Mature maintenance or thin animals		1-1.50 lb to body condition	1-2.0 lb. to body condition
Northeast Alpaca/Llama Maintenance		LOW FEED RATE SUPPLEMENT—DO NOT OVERFEED	
Maintenance, or Over conditioned		0.35 TO 0.50	0.50 to 0.75 (>300 LBS)

ESSENTIAL FEEDING GUIDELINES

- ◆ Feed high quality free choice forage and browse.
- ◆ Source good quality forage. Test forages for quality and mineral content.
- ◆ Build the diet around forage as 75-100% of the diet, depending on quality and requirements of individuals or groups.
- ◆ Grain and supplements should complement good forage, to balance nutrients to recommendations.
- ◆ Provide enough eating spaces so that all animals can eat at the same time.
- ◆ Provide fresh clean water at all times.

¹ Provide good quality hay ad-1lb with clean water. Over conditioned animals are exceptions, control intake.
² Feeding rates based on estimated total diet Dry Matter Intake of 1.2-2.2% of body weight/day depending on nutrient demands.
³ Typical mature alpaca (160) and llama (300) body wts (lbs). One cup Northeast pellets is approximately .33 lbs.
 STORE SEALED IN COOL DRY PLACE

Northeast Alpaca and Llama Maintenance Pellet™

Supplemental protein, vitamins and minerals necessary for maintenance and health.



- Feed 0.35 to 0.50 lbs per day based on forage quality, body condition and weight. Up to .75 lbs can be fed to animals over 300 lbs.
- This is a low feeding rate mineral, vitamin and protein supplement. Do not feed free choice or higher than recommended levels on a regular basis.
- A good low energy supplement for over-conditioned animals
- Designed to supplement typical Northeast hays fed ad-lib.

Northeast Alpaca and Llama Maintenance Pellet™

Crude Protein (Min)	15.00%
Crude Fat (Min)	2.50%
Crude Fiber (Max)	15.00%
Calcium (Min)	1.30%
Calcium (Max)	1.80%
Phosphorus (Min)	1.00%
Salt (Min)	1.00%
Salt (Max)	1.50%
Zinc (Min)	800.00 PPM
Vitamin A (Min)	18,750.00 IU/LB
Vitamin D3 (Min)	7,500.00 IU/LB
Vitamin E (Min)	1,400.00 IU/LB
Selenium (Min)	1.25 PPM
Biotin (Min)	15.00 MG/LB

Northeast Alpaca and Llama Milk and Cria Pellet™

Supplies the additional nutrients necessary for more energy demanding life stages.



- Feed 0.5 to 3.0 lbs per day based on forage quality, body condition and weight
- This is a higher feeding rate pellet with energy and digestible fiber levels suitable for **all** life stages.
- Feed to animals in any life stage with higher energy and protein requirements: growth, pregnancy, lactation, weight gain, cold stress, high activity or work. It can be fed free choice to lactating animals.

Northeast Alpaca and Llama Milk and Cria Pellet™

Crude Protein (Min)	15.00%
Crude Fat (Min)	3.00%
Crude Fiber (Max)	13.00%
Calcium (Min)	1.00%
Calcium (Max)	1.35%
Phosphorus (Min)	0.50%
Salt (Min)	0.35%
Salt (Max)	0.85%
Zinc (Min)	600.00 PPM
Vitamin A (Min)	6,150.00 IU/LB
Vitamin D3 (Min)	3,600.00 IU/LB
Vitamin E (Min)	800.00 IU/LB
Selenium (Min)	0.60 PPM
Biotin (Min)	5.00 MG/LB

Northeast Alpaca and Llama Free Choice Mineral™

Free choice vitamin and mineral fortification to supplement pasture and forage.



- Formulated for a small daily intake rate (0.2 to 0.4 oz. per day) depending on size. 0.2 oz. = 6 grams or approximately 1 tsp.
- This is a salt based free choice mineral and vitamin supplement that balances for 100% of recommended levels with typical pasture and forage diets. Best to feed as the only source of salt for full intake.
- Northeast Alpaca and Llama mineral contains added copper. **DO NOT FEED TO SHEEP**

Northeast Alpaca and Llama Free Choice Mineral™

Calcium (Min)	5.40%
Calcium (Max)	6.48%
Phosphorus (Min)	2.95%
Salt (Min)	21.96%
Salt (Max)	26.35%
Magnesium (Min)	4.65%
Copper (Min)	30.00 PPM
Selenium (Min)	90.00 PPM
Vitamin A (Min)	202,500.00 IU/LB