

# Legume Formulator

**Type of Feed:** Mineral    **Form of Feed:** Pellet

**General Description:**

Legume Formulator is a mineral supplement designed for growing cattle on high roughage diets of over 50% legume (alfalfa, clover and legume-grass mixes).

LAND O LAKES®  
**LEGUME FORMULATOR®**  
 FOR GROWING CATTLE

**GUARANTEED ANALYSIS**

Crude Protein, (Min) .....	12.0 %
Crude Fat, (Min) .....	2.0 %
Crude Fiber, (Max) .....	20.0 %
Calcium (Ca), (Min) .....	4.0 %
Calcium (Ca), (Max) .....	5.0 %
Phosphorus (P), (Min) .....	4.00 %
Salt (NaCl), (Min) .....	11.8 %
Salt (NaCl), (Max) .....	14.1 %
Magnesium (Mg), (Min) .....	0.3 %
Potassium (K), (Min) .....	0.5 %
Copper (Cu), ppm, (Min) .....	650
Selenium (Se), ppm, (Min) .....	11
Zinc (Zn), ppm, (Min) .....	2,185
Vitamin A, I.U./lb, (Min) .....	100,000
Vitamin D <sub>3</sub> , I.U./lb, (Min) .....	25,000
Vitamin E, I.U./lb, (Min) .....	120

SAMPLE

**FEEDING DIRECTIONS**

Estimate average daily intake of air dry feed (90% dry matter) prior to mixing and feeding so that the desired amount of this product is consumed. Thoroughly mix 2 to 3% of this product into high legume rations as follows:

		Complete intake of air dry feed (lb/head/day)
	Pounds per ton	<u>min.</u> <u>max.</u>
3.0	60	8.3      20.0
2.5	50	10.0     24.0
2.0	40	12.5     30.0

Feed mixed ration continuously so that each animal consumes not less than 0.15 lb nor more than 0.6 lb this product per head per day.

**INGREDIENTS**

Processed Grain By-Products, Grain Products, Molasses Products, Forage Products, Plant Protein Products, Monocalcium Phosphate Dicalcium Phosphate, Salt, Calcium Carbonate, Zinc Sulfate, Iron Oxide, Magnesium Mica, Manganese Sulfate, Basic Copper Chloride, Ethylenediamine Dihydriodide, Cobalt Carbonate, Vitamin A Supplement, Vitamin E Supplement, Vitamin D3 Supplement, Mineral Oil, Sodium Selenite

**Available Additives:**

Product No.	Options	Product Names	Active Drug	Active Drug Level
1760060	NM	Legume Formulator	none	
1720030	R1000	Legume Formulator R1000	Rumensin	1000 g/ton
1720031	B1200	Legume Formulator B1200	Bovatec	1200 g/ton

**Product Features:**

4% Calcium, 4% Phosphorous

100% vitamin and trace mineral fortified

Designed to be fed at 0.3 to 0.4 lb/head daily

**Product Benefits:**

Balanced to provide extra phosphorous that may be low in high legume diets

Supports skeletal growth and immune system function; meets animal requirements; improves performance

Reduces supplement cost; improves cost of gain; reduces feed inventory costs

**Usage Tips**

Legume Formulator is designed to provide balanced nutrition when extra protein is not needed. Such feeding situations may include growing rations consisting of 50% legume based forages (alfalfa, clover or legume-grass mixes).

Recommended feeding rates of Legume Formulator is 0.3 to 0.4 lb per head daily. Maximum feeding rate may be as 0.6 lb per head daily, depending upon feed additive concentration. Thoroughly mix Legume Formulator with grain and/or roughage prior to feeding.

**Key Points**

1. Use in legume-based growing rations.
2. The modest feeding rates lower cost of supplementation and improves cost of gain.
3. Provides proper level of vitamins, trace minerals and feed additives when fed according to label directions.