

# Rangeland® Ration Manager™

**Type of Feed:** Supplement      **Form of Feed:** Soft Pellet

**General Description:**

This plant protein and NPN supplement is designed for limiting the prepared feed intake of cattle on pasture.

LAND O LAKES®  
**RANGELAND® RATION MANAGER™**  
 FOR BEEF CATTLE ON PASTURE

**CAUTION**

Use only as directed. Intended for feeding beef cattle only.

**GUARANTEED ANALYSIS**

<b>Crude Protein, (Min)</b> .....	<b>27.0 %</b>
<b>(This includes not more than 14.0% equivalent crude protein from non-protein nitrogen.)</b>	
<b>Crude Fat, (Min)</b> .....	<b>9.0 %</b>
<b>Crude Fiber, (Max)</b> .....	<b>5.0 %</b>
<b>Calcium (Ca), (Min)</b> .....	<b>3.0 %</b>
<b>Calcium (Ca), (Max)</b> .....	<b>4.0 %</b>
<b>Phosphorus (P), (Min)</b> .....	<b>1.00 %</b>
<b>Salt (NaCl), (Min)</b> .....	<b>5.5 %</b>
<b>Salt (NaCl), (Max)</b> .....	<b>6.5 %</b>
<b>Potassium (K), (Min)</b> .....	<b>1.5 %</b>
<b>Magnesium (Mg), (Min)</b> .....	<b>1.0 %</b>
<b>Copper (Cu), Ppm, (Min)</b> .....	<b>65</b>
<b>Selenium (Se), ppm, (Min)</b> .....	<b>1.5</b>
<b>Zinc (Zn), ppm (Min)</b> .....	<b>215</b>
<b>Vitamin A, I.U./lb, (Min)</b> .....	<b>16,000</b>
<b>Vitamin D, I.U./lb, (Min)</b> .....	<b>4,000</b>
<b>Vitamin E, I.U./lb, (Min)</b> .....	<b>20</b>

**INGREDIENTS**

Processed Grain By-Products, Grain Products, Calcium Carbonate, Salt, Ammonium Chloride, Soybean Oil, Mono Ammonium Phosphate, Potassium Chloride, Magnesium Oxide, Urea, Artificial And/Or Natural Flavor, Magnesium Sulfate, Potassium Sulfate, Monocalcium Phosphate, Dicalcium Phosphate, Sodium Selenite, Cobalt Carbonate, Manganese Sulfate, Ethylenediamine Dihydriodide, Zinc Sulfate, Vitamin A Supplement, Vitamin D<sub>3</sub> Supplement, Copper Chloride, Roughage Products, Mineral Oil, Vitamin E Supplement.

**DIRECTIONS FOR USE**

RANGELAND RATION MANAGER should be mixed with coarse ground grain to provide an intake of 1 to 2.0% body weight on the mixed ration. Intake will vary according to forage quality and feeder management. Lower inclusion rates should be used for vegetative or transitional forage with higher levels of inclusion for reproductive or dormant forage.

**IMPORTANT**

Follow these management practices:

1. When making a ration change, allow 7-10 days for animals to adjust to the new ration.
2. Provide adequate feeder space for each animal. Feeders should be well protected and well managed to prevent feed from becoming wet and molding. Do not allow fines to accumulate in feed trough. Never allow the feeder to run empty or to develop flow problems.
3. Consumption of this product will vary according to location of the feeder, forage quality and quantity, as well as the age and weight of the animal.
4. Position the feeder with this product away from loafing areas (i.e., water, hay, or sheltered areas) to reduce the consumption of the mixed feed, closer to loafing areas to increase the consumption of the mixed feed.
5. Poorer quality forage will increase intake of this product, while better quality forage will decrease its intake. Likewise, limited quantities of forage will increase intake of this product, while unlimited quantities of forage tend to decrease its intake.
6. Never feed moldy or spoiled feeds, including hay and haylages or silages.
7. Cattle must have consumed hay and or other high roughage dry feed prior to being fed this product for the first time.
8. Do not provide starved cattle free access to this product.

**CAUTION**

Store in a dry area away from insects. Do not feed moldy or insect-infested feed to animals as it may cause illness, abortion or death.

This feed was made in a feed manufacturing facility that does not handle or store products containing animal proteins prohibited in ruminant feeds.

**Product Features:**

27% Protein, 14% from NPN

No animal products

3-4 % Calcium, 1% Phosphorus

Adequate phosphorus for growing animals

100% vitamin and trace mineral fortified

Ration Managing Technology

Convenience – Peace of Mind

Limits intake effectively – Saves Feeding Cost

**Product Benefits:**

Vegetable protein and modest level of NPN to meet protein requirements and maximize animal performance with economical cost of gain

Meets the requirements for many ‘all natural’ marketing programs

Balances high grain, moderate roughage rations

Optimizes animal performance while reducing environmental concerns with manure management

No need to feed extra mineral supplements to meet requirements.

Cattle on RangeLand Ration Manager™ rations consume the supplement in several smaller feedings per day instead of one or two large feedings as in conventional feeding programs. Smaller intakes spaced throughout the day allows for more uniform flow of nutrients to the digestive system. Cattle can be self-fed yet digestive disorders are minimized and the cattleman has control over targeted intakes and performance.

Over 30 years of research experience has been leveraged for the development of RangeLand Ration Manager so that it will dependably control intake based on forage quality and the cattle’s nutritional requirements. Cattle get the nutrition they need every day.

Because RangeLand Ration Manager is offered to cattle free-choice in self-feeders, it is available 24 hours per day, 7 days per week. This decreases delivery cost of supplementation (labor & vehicle cost) compared to hand feeding on a daily or every other day basis.

### Usage Tips

RangeLand Ration Manager is a protein, mineral and vitamin supplement for calves, yearlings and replacement heifers fed a high concentrate ration while out on pasture. This supplement is typically mixed with cracked grain and fed through a self-feeder. A targeted feeding rate for RangeLand Ration Manager is 2.0 to 4.0 lb/head/day depending on the nutrient profile of other ration ingredients, ration energy content, age and size of cattle being fed. .

RangeLand Ration Manager alters intake of self fed rations through palatability (taste), metabolic, texture and feed management measures. All four measures work together to deliver the desired feed intake.

All ration adjustments should be made on a gradual basis. Use good bunk management techniques and procedures to prevent digestive disturbances and to optimize dry matter intake and animal performance. Do not let the feeders run empty. Bunks should be managed to limit depth of feed in the bottom of the feed trough. Care should be exercised to promptly remove wet and moldy feed from the feed bunk. If other free-choice supplements are fed, the consumption of those products will be lowered due to accessibility of the feeder containing the RangeLand Ration Manager.

Initial placement of the feeder should be within 50 yards of loafing, haying or watering areas. As animals become accustomed to the product, repositioning of the feeder may be necessary to maintain proper consumption level. Move feeders further away from these areas to decrease consumption, closer to increase. Feeder gate width and available feeder space per head will impact consumption. Animal condition as well as forage quality can impact consumption. If over-consumption occurs for more than four weeks, despite corrective measures, remove the feeders and evaluate the overall feeding program. Do not provide starved animal free access to this product.

For best results, a feeding program using Land O'Lakes Feed beef ration balancing program(s) should be developed.

**CAUTION:** Do not feed to sheep or allow sheep access to these products because of the high level of supplemental copper.

### Key Points

1. The amount of total ration consumed should be considered in determining the proper level of product to be mixed.
2. Feeder management, forage quality/quantity and body condition will impact product consumption.
3. Intake of the mixed feed can be managed to 1 to 2% body weight.
4. Ideal for replacement heifers or yearlings out on pasture, and for creep feeding situations.