

Rangeland 38 Hi-E Tub

Type of Feed: Supplement

Form of Feed: Tub

General Description:

Rangeland Protein Tubs are a free choice supplement designed for beef cattle on forage diets providing less than 8% protein. The low moisture, cooked molasses products in biodegradable fiber or non-returnable plastic containers will enhance intake and utilization of available forages, while reducing labor for producers.

LAND O LAKES®

RANGELAND 38 Hi-E TUB

FREE-CHOICE SUPPLEMENT FOR BEEF CATTLE ON FORAGE DIETS

GUARANTEED ANALYSIS

| | |
|---|------------|
| Crude Protein, Not less than..... | 38.0 % |
| (This includes not more than 20% equivalent protein from non-protein nitrogen.) | |
| Crude Fat, Not less than..... | 12.0 % |
| Crude Fiber, Not more than..... | 2.5 % |
| Calcium (Ca), Not less than..... | 1.5 % |
| Calcium (Ca), Not more than..... | 2.5 % |
| Phosphorus (P), Not less than..... | 1.3 % |
| Salt (NaCl)..... | None Added |
| Potassium (K), Not less than | 2.5 % |
| Magnesium (Mg), Not less than | 1.0 % |
| Copper (Cu), ppm, Not less than | 260 |
| Zinc (Zn), ppm, Not less than | 875 |
| Selenium (Se), ppm, Not less than | 4.4 |
| Vitamin A, I.U./lb, Not less than | 80,000 |
| Vitamin D ₃ , I.U./lb, Not less than | 8,000 |
| Vitamin E, I.U./lb, Not less than | 40 |

INGREDIENTS

Molasses Products, Processed Grain By-Products, Urea, Plant Protein Products, Hydrolyzed Feather Meal, Monocalcium Phosphate, Dicalcium Phosphate, Animal Fat, Calcium Carbonate, Sodium Hydroxide, Magnesium Oxide, Potassium Chloride, Vitamin A Supplement, Vitamin D₃ Supplement, Vitamin E Supplement, Zinc Sulfate, Manganese Sulfate, Ethylenediamine Dihydriodide, Cobalt Carbonate, Sodium Selenite, Ethoxyquin (a preservative), Basic Copper Chloride, Mineral Oil

WARNING: For ruminants only. This product contains added copper and should NOT BE FED TO SHEEP or related species that have a low tolerance to supplemental copper. This feed should be used only in accordance with directions furnished on the label. Excessive consumption may result in adverse toxic reaction.

FEEDING DIRECTIONS

Rangeland 38 Hi-E Supplement is designed to be self fed to beef cattle consuming fair to medium quality forage. Consumption of this supplement will vary depending upon the condition of the animals, quality and quantity of forages being fed, and seasonal weather conditions. Cattle typically consume from 0.5 to 1.5 pounds per head per day. Consumption should be carefully controlled until animals become adjusted to the feed. Additional care should be exercised with starved, stressed or debilitated animals.

1. Feed one tub per 20 to 30 head of cattle and at least 2 tubs per pasture to ensure adequate intake by younger, timid animals.
2. Place tubs in dry areas where animals congregate (loafing, grazing, feeding and watering areas). Increase or decrease tubs available to increase or decrease consumption of the supplement.
3. As with any "cooked-molasses" product, there will be times when forage quality, cow condition, or weather stress will make it necessary to provide additional energy and protein supplementation to meet cow needs in addition to that provided by Rangeland 38 Hi-E. In these instances, contact your local Land O' Lakes representative for specific feeding recommendations.

INTRODUCTORY PERIOD: During the first week of use, place the tubs approximately 50-75 feet from the loafing and/or watering areas. As cattle become acclimated to the presence of the tubs, some repositioning may be necessary. Move the tubs closer to increase consumption, further away to decrease consumption. DO NOT PROVIDE STARVED ANIMALS FREE ACCESS TO THIS SUPPLEMENT.

IMPORTANT: Consumption figures stated here are approximate. Clean, fresh water and salt should be available at all times.

CAUTION: Follow label directions. Maximum intake of this product is 1.5 lb per head per day.

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:**Product Benefits:**

Low moisture cooked molasses product technology

Consistent intake and nutrient delivery that helps eliminate over-consumption

Positive associative effects when fed with low to medium quality forages

Molasses provides readily-available energy to stimulate rumen fermentation that helps the animal extract more energy from the forage, as demonstrated by research showing increased forage intake and utilization

Contains approved animal protein products

Provides high quality by-pass proteins needed to optimize animal performance

Provides optimum levels of trace minerals at a 1 pound consumption rate

Aids in disease prevention, improves fertility, and promotes fetal development

Non-returnable biodegradable fiber container. Non-returnable plastic container also available

Labor saving supplement delivery system that reduces the biosecurity risks associated with returnable containers

No added salt

Intake is not regulated by salt as in other supplements, which can be unpredictable and more variable

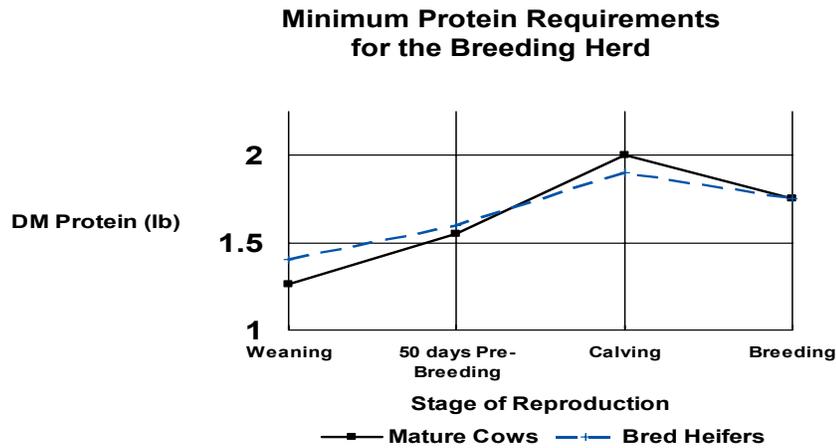
Supplement delivery method that fits a variety of production systems

Convenient supplement delivery system is ideal for small beef producers with other time commitments, as well as large producers who experience time and labor shortages

Usage Tips

After calving, nutrient partitioning makes milk the first priority and reproduction the last. Feed the young cow to continue to gain weight. Otherwise, her growth slows or stops, possibly delaying rebreeding. Rebreeding is most sensitive to deficient nutrients. Therefore, first calf heifers on an inadequate diet may return to estrus (heat) later, settle later and have a lighter calf at weaning. With the short period between calving and breeding, a cow must recover from calving, nurse her calf, gain weight and return to estrus prior to the breeding season. This requires a high plane of nutrition with special care taken to meet her trace mineral needs. The critical trace minerals involved in rebreeding are Zn, Mn, and Cu.

Adequate levels of trace minerals are a critical component of cattle diets. Zinc, manganese, copper and selenium play key roles in reproduction. Inadequate trace minerals have reduced conception rates, increased incidence of retained placentas (cleaning problems), increased dystocia (calving difficulty) and abnormal estrus in every species studied. When trace mineral nutrition is inadequate in the first and second trimester, the trace mineral status of the fetus is compromised. When the trace mineral status declines, animal performance is adversely affected.



Initial placement of RangeLand 38 Hi-E Tub should be within 100 feet of loafing or watering areas. As animals become accustomed to the tubs, repositioning may be necessary to maintain proper consumption level. Move tubs further away to decrease consumption, closer to increase. Total surface area exposed to the herd will impact consumption. Increased surface area exposed will increase consumption. Read and follow label directions.

Animal condition as well as forage quality can impact consumption. If over-consumption occurs for more than two weeks, despite corrective measures, remove the tubs and evaluate the overall feeding program. Do not provide free access to starved animals.

The number of head per tub will affect consumption. Expected intake is approximately 0.5 to 1.5 lb per head daily. To increase consumption, increase the number of tubs offered. To decrease consumption, decrease the number of tubs. As surface area of exposed tub increases, consumption increases. Each product will have recommendations for initial positioning.

Placement of tubs can also influence grazing patterns within a pasture. Place tubs in under-utilized areas of a pasture to entice grazing in that area.

RangeLand Protein Tub products contain no added salt, therefore, supplemental salt should be offered at all times.

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

Key Points

1. RangeLand 38 Hi-E Tub can be offered any time forage quality is in question, or when a forage supplement is needed.
2. RangeLand 38 Hi-E Tub provides supplemental protein, energy, vitamins, and trace minerals, economically.
3. Ideal for feeding animals on dormant or other low quality forage (stock piled forage, crop residues, etc that provide less than 8% protein).
4. Ideal supplement for helping manage body condition through winter-feeding season.
5. RangeLand Protein Tubs are not designed for playing nutrition catch-up or when forage is in short supply.
6. Physical characteristics and cooking technology control consumption without the need for non-nutritive additives.



38 Hi-E Tubs - **1800033**

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