

Hi-Mag Fescue-lyx[®]

#7191, #704R

PROFILE

CRYSTALYX[®] HI-MAG FESCUE-LYX[®] is formulated to be fed free-choice to cattle consuming fescue forages with low magnesium levels. It is energy-dense and highly fortified with trace minerals and vitamins.



FEEDING APPLICATIONS:

Beef

- Beef cattle grazing fescue pastures, low magnesium forages, or pastures with high potassium concentrations that interfere with magnesium absorption.

ABOUT THE PRODUCT:

High Energy

- No non-nutritive fillers or binders
- Very low moisture (typically 2% to 5%)
- 4.4% Magnesium

Improved Energy Status

Animals can benefit from the direct effect of increasing nutrient intake and increased energy released from enhanced forage digestion.

Continuous Nutrient Availability

HI-MAG FESCUE-LYX[®] provides a continuous supply of:

- Protein
- Energy
- Minerals
- Trace Minerals
- Vitamins A, D and E
- B vitamins

Magnesium Fortification

CRYSTALYX[®] HI-MAG FESCUE-LYX[®] is fortified with 4.4% magnesium to provide 10 grams of magnesium at one-half pound of intake each day.

Product Numbers

#7191 HI-MAG FESCUE-LYX[®], 250 lb
#704R HI-MAG FESCUE-LYX[®], 125 lb

RESULTS BY THE BARREL[™]

Rumen-Available Protein

HI-MAG FESCUE-LYX[®] provides supplemental protein in forms rumen microorganisms require:

- Amino Acids
- Peptides
- Ammonia

The continuous availability of HI-MAG FESCUE-LYX[®] allows for supplemental protein throughout the day to ensure a more constant supply of nutrients across the herd.

Consistent, Dependable Manufacturing

The unique manufacturing process of HI-MAG FESCUE-LYX[®] results in a low-moisture product that dissolves slowly when licked. HI-MAG FESCUE-LYX[®] is high quality nutrition in a labor-saving package.

Since the durable steel barrel is returnable, it is environmentally friendly. Furthermore, all CRYSTALYX[®] products are weather-resistant.

Hi-Mag Fescue-lyx[®] is manufactured in plants that are ISO 9001 registered to ensure that every container of HI-MAG FESCUE-LYX[®] is the consistent high quality product that you can depend on. Each plant is ISO certified, which means our facilities do not use, store or handle prohibited animal protein products.

Trace Mineral Fortification

Trace mineral fortification impacts forage digestion by meeting rumen microorganism requirements, as well as metabolism and productivity of the animal. HI-MAG FESCUE-LYX[®] is highly fortified with trace minerals. Recent research has indicated copper deficiencies in beef cattle grazing fescue in addition to very predictable selenium deficiencies. HI-MAG FESCUE-LYX[®] has the proper balance of copper, zinc and selenium to meet these trace mineral deficiencies.

Fescue

NUTRIENT ANALYSIS:

Crude Protein, min	20.0%
<i>(including not more than 8.0% equivalent crude protein as non-protein nitrogen.)</i>	
Crude Fat, min	5.0%
Crude Fiber, max.....	2.5%
Calcium (Ca), min	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min.....	1.0%
Salt (NaCl).....	None Added
Potassium (K), min	2.5%
Magnesium (Mg), min	4.4%
Cobalt (Co), min.....	10 ppm
Copper (Cu), min	1,000 ppm
Iodine (I), min.....	50 ppm
Manganese (Mn), min.....	2,700 ppm
Selenium (Se), min.....	8.8 ppm
Zinc (Zn), min	4,000 ppm
Vitamin A, min.....	100,000 IU/lb
Vitamin D ₃ , min	20,000 IU/lb
Vitamin E, min	100 IU/lb

INGREDIENTS:

Molasses products, magnesium oxide, plant protein products, hydrolyzed vegetable oil, processed grain by-products, urea, monocalcium phosphate, dicalcium phosphate, calcium carbonate, sulfur, zinc oxide, magnesium sulfate, zinc sulfate, copper sulfate, copper chloride, ethylenediamine dihydriodide, calcium iodate, cobalt carbonate, sodium selenite, vitamin A acetate, vitamin D₃ supplement, vitamin E supplement, thiamin mononitrate, menadione dimethylpyrimidinol bisulfite, riboflavin, calcium pantothenate, niacin, vitamin B₁₂ supplement, choline chloride.

FEEDING DIRECTIONS:

CRYSTALYX® HI-MAG FESCUE-LYX® is designed for self-feeding to grazing beef cattle.

Place containers in areas that achieve desired supplement intake. Once acceptable intake levels have been achieved, the containers may be moved to under-utilized pasture areas to improve grazing distribution and forage utilization. Feed at the rate of one (1) container for every 20 to 30 head, with a minimum of two (2) containers in each lot or pasture to ensure proper accessibility. Free-choice consumption will depend on the size of the animals fed, seasonal weather conditions, as well as, quality, source and availability of other feeds. Cattle typically consume between 0.25 to 0.75 pounds per-head, per-day. One-half pound of HI-MAG FESCUE-LYX® will supply 10 grams of supplemental magnesium.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO FRESH, CLEAN WATER AT ALL TIMES. CRYSTALYX® BRAND HI-MAG FESCUE-LYX® CONTAINS NO SALT. PROVIDE SALT FREE-CHOICE.

CAUTION: USE ONLY AS DIRECTED. FOR RUMINANTS ONLY.

NOTE: CRYSTALYX® Brand Supplements deliver a continuous supply of nutrients and are designed as a supplement to the animal's diet. When quantity or quality of other feedstuffs is limited, supplemental nutrients, in addition to those provided by CRYSTALYX® Brand Supplements, may be required. In situations where additional nutrients are needed, contact your CRYSTALYX® representative for specific recommendations.

WARNING: THIS PRODUCT, WHICH CONTAINS ADDED COPPER, SHOULD NOT BE FED TO SHEEP OR OTHER SPECIES THAT HAVE A LOW TOLERANCE TO SUPPLEMENTAL COPPER.



WWW.CRYSTALYX.COM
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