

SUPER MAG™

#3921, #3957

PROFILE

CRYSTALYX® SuperMAG™ is a highly palatable, high magnesium, nutrient-dense, low-moisture blend of molasses solids, protein meal, hydrolyzed vegetable oil, vitamins and macro and micro minerals. University research suggests supplemental magnesium can help reduce the incidence of grass tetany. SuperMAG™ provides supplemental magnesium in a highly palatable form.



FEEDING APPLICATIONS:

Beef

- Beef cattle on cool season grass pastures, magnesium deficient forages or grass pastures with high levels of potassium.

ABOUT THE PRODUCT:

Supplemental Magnesium

University research suggest supplemental magnesium effectively reduces instances of grass tetany in cattle consuming rapidly growing spring forage.

SuperMAG™ contains 4.4% supplemental magnesium. SuperMAG™ consumed at 0.5 to 1.0 pound per-head, per-day provides 10 to 20 grams of supplemental magnesium per-head, per-day.

High Energy

Molasses solids and hydrolyzed vegetable oil provide the primary energy in SuperMAG™. SuperMAG™ contains no fillers or binders and has almost no moisture. The continuous, steady intake of SuperMAG™ provides energy to animals consuming forages without the depression in forage digestion often reported with grain-based energy supplements.

RESULTS BY THE BARREL™

Natural Protein

Supplemental protein can aid forage utilization by maintaining amino acid and peptide availability to rumen microorganisms.

A blend of plant proteins and molasses solids provide the protein in SuperMAG™.

Palatability

Most sources of supplemental magnesium are extremely unpalatable.

High palatability of molasses helps ensure animals will consume SuperMAG™. Animals consume SuperMAG™ because of its palatability, but they receive magnesium, energy, protein, other minerals and vitamins on a consistent basis.

Consistent, Dependable Manufacturing

The unique manufacturing process of SuperMAG™ creates a low-moisture product that dissolves slowly when licked. SuperMAG™ is high-quality nutrition in a convenient, easy-to-feed package. Since the durable steel barrel is returnable, it is environmentally-friendly. Furthermore, all CRYSTALYX® products are weather-resistant.

Beef

Product Numbers

#3921–SuperMAG™, 250 lb
#3957–SuperMAG™, 125 lb

CRYSTALYX® 10-400

-continued on reverse side

NUTRIENT ANALYSIS:

Crude Protein, min	12.0%
Crude Fat, min.....	5.0%
Crude Fiber, max	2.0%
Calcium (Ca), min.....	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min	0.8%
Salt (NaCl).....	None Added
Potassium (K), min.....	3.0%
Magnesium (Mg), min	4.4%
Cobalt (Co), min	3.3 ppm
Copper (Cu), min	330 ppm
Iodine (I), min	17 ppm
Manganese (Mn), min.....	1,330 ppm
Selenium (Se), min.....	6.6 ppm
Zinc (Zn), min	1,000 ppm
Vitamin A, min.....	80,000 IU/lb
Vitamin D ₃ , min.....	8,000 IU/lb
Vitamin E, min	100 IU/lb

INGREDIENTS:

Molasses products, magnesium oxide, plant protein products, hydrolyzed vegetable oil, processed grain by-products, monocalcium phosphate, dicalcium phosphate, calcium carbonate, manganese sulfate, zinc sulfate, copper sulfate, copper chloride, ethylenediamine dihydriodide, calcium iodate, cobalt carbonate, sodium selenite, vitamin A acetate, vitamin D₃ supplement, vitamin E supplement.

FEEDING DIRECTIONS:

CRYSTALYX® SuperMAG™ is designed for self-feeding to beef cattle grazing low magnesium forages or forages with high potassium levels which can interfere with magnesium absorption.

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. A minimum of two (2) containers may be required in each lot or pasture to ensure proper accessibility. Cattle typically consume between 0.25 to 10 pound per-head, per-day, providing 5 to 20 grams of supplemental magnesium per-head, per-day.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO FRESH, CLEAN WATER AT ALL TIMES. SUPERMAG™ CONTAINS NO SALT. PROVIDE SALT FREE-CHOICE.

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

U.S. Patent No. 6,244,217 - 6,390,024 - 6,561,133



CRYSTALYX® is a registered trademark of Ridley Block Operations

Super-MAG™ is a trademark of Ridley Block Operations