



This Product Information Sheet is not intended to replace the Product Label. Always read the Product Label for the most current nutrient content and feeding directions.

# HE-12%™

Product #3916

## Feeding Applications

For beef cattle and bison on pasture

## Product Features

Crystalux® HE-12%™ is a 12% crude protein supplement consisting of a nutrient-dense blend of molasses solids, protein meals, hydrolyzed vegetable oil, vitamins and minerals and trace minerals.

- Provides essential supplemental nutrients to livestock consuming moderate- to high-quality forages
- Continuous nutrient availability promotes the efficient utilization of supplemental nutrients
- Best used when requirements are less demanding and forage conditions are stable

## Ingredients

Molasses products, processed grain by-products, plant protein products, monocalcium phosphate, dicalcium phosphate, calcium carbonate, hydrolyzed vegetable oil, magnesium oxide, manganese sulfate, manganous oxide, zinc sulfate, zinc oxide, copper sulfate, copper sulfate, selenium yeast, ethylenediamine dihydroiodide, calcium iodate, cobalt carbonate, vitamin A supplement, vitamin D-3 supplement, vitamin E supplement, mineral oil.

Nutrition Information

Crude Protein (min)	12%
Crude Fat (min)	3%
Crude Fiber (max)	3%
Calcium	1% - 1.5%
Phosphorus (min)	0.8%
Magnesium (min)	1%
Potassium (min)	2%
Vitamin A (min)	70000 IU/lb
Vitamin D3 (min)	7000 IU/lb
Vitamin E (min)	80 IU/lb
Cobalt (min)	2.5 ppm
Copper (min)	250 ppm
Iodine (min)	12.5 ppm
Manganese (min)	1000 ppm
Selenium (min)	6 ppm
Zinc (min)	750 ppm

## Usage Guidelines

**Placement:** Place containers in areas that achieve desired supplement intake.

**Relocation:** Once acceptable intake levels have been achieved, the containers may be moved to underutilized pasture areas to improve grazing distribution and forage utilization.

**Accessibility:** A minimum of two (2) containers may be necessary in each lot or pasture to ensure proper accessibility.

**Quantity:** Feed at the rate of one container for every 20-30 head. Cattle and bison typically consume between 0.5 and 1.1 pounds per head per day.

**Monitoring:** Self-fed consumption will depend on size of animals fed, seasonal weather conditions, as well as quality, source and availability of other feeds.

## Additional Feeding Information

CRYSTALYX HE-12% supplement is designed for self-feeding to grazing beef cattle and bison.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO CLEAN, FRESH WATER AT ALL TIMES. CRYSTALYX HE-12% SUPPLEMENT 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 feed representative for specific recommendations.

WARNING: This product, which contains added copper, should not be fed to sheep or any species that have a low tolerance to supplemental copper. CAUTION: USE ONLY AS DIRECTED. Consumption of selenium should not exceed 3 mg per head daily.