

## HE-30%<sup>™</sup>

### PROFILE

CRYSTALYX<sup>®</sup> HE-30%<sup>™</sup> is a free-choice protein supplement specially formulated for cattle grazing mid to late summer pastures or dry conditions where forage protein level and availability are of concern. HE-30%<sup>™</sup> combines rumen degradable protein, rumen bypass protein and non-protein nitrogen in a nutrient-dense, weather-resistant package.



Beef

### FEEDING APPLICATIONS:

#### Beef

(Moderate to low quality forages)

- Cows
- Stockers
- Yearlings

### ABOUT THE PRODUCT:

#### Concentrated Nutrition

- 30% Crude Protein
- Very low moisture (typically 2% to 5%)
- No non-nutritive binders or fillers

#### Continuous Nutrient Availability

“Slug feeding” of grain-based supplements can decrease forage digestion. The continuous availability of HE-30%<sup>™</sup> delivers a controlled supply of energy and protein to stimulate forage digestion. HE-30%<sup>™</sup> delivers a small amount of supplement at any time throughout the day.

#### High Protein Level

The protein content of mid-to-late summer and dormant warm season pasture, as well as, moderate to low quality warm season hays, can limit animal productivity.

HE-30%<sup>™</sup> provides a blend of plant protein sources, non-protein nitrogen and hydrolyzed feather meal to help stimulate forage utilization by increasing fiber digestibility and forage intake.

#### Moderate Phosphorus Supplementation

HE-30%<sup>™</sup> is fortified with a high level of crude protein and a level of phosphorus that is intended to help meet phosphorus requirements for beef cattle grazing mid to late summer pastures. For maximum reproductive efficiency, cattle should be switched to a higher phosphorus product like CRYSTALYX<sup>®</sup> BGF-30<sup>™</sup> prior to their third trimester of pregnancy, pre-calving and offer through the breeding season.

#### Palatability

Excellent palatability of HE-30%<sup>™</sup> ensures cattle will come back for more resulting in consistent uniform supplementation of critical nutrients throughout your herd. CRYSTALYX<sup>®</sup> Brand Supplements can be used to attract cattle to under-utilized pasture locations to maximize use of forage resources.

#### Mineral and Vitamin Fortification

*Promotes:*

- Disease resistance
- Protein and energy metabolism
- Forage utilization
- Overall productive and reproductive efficiency

Product Number:

#13904 - HE-30%<sup>™</sup>, 250 lb. Steel Barrel  
HE-30%<sup>™</sup>, 200 lb. BioBarrel<sup>®</sup>

CRYSTALYX<sup>®</sup> 10-1800

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CRYSTALYX<sup>®</sup> Brand Supplements  
Dependable • Consistent • Safe



## NUTRIENT ANALYSIS:

Crude Protein, min .....	30.0%
(including not more than 15.0% equivalent crude protein from non-protein nitrogen)	
Crude Fat, min.....	3.0%
Crude Fiber, max.....	2.5%
Calcium (Ca), min .....	1.0%
Calcium (Ca), max .....	1.5%
Phosphorus (P), min .....	0.8%
Salt (NaCl) .....	None Added
Potassium (K), min.....	2.0%
Cobalt (Co), min.....	3.3 ppm
Copper (Cu), min.....	330 ppm
Iodine (I), min .....	17.0 ppm
Manganese (Mn), min .....	1,330 ppm
Selenium (Se), min .....	4.4 ppm
Zinc (Zn), min .....	1,000 ppm
Vitamin A, min.....	80,000 IU/lb
Vitamin D <sub>3</sub> , min .....	8,000 IU/lb
Vitamin E, min .....	100 IU/lb

## INGREDIENTS:

Molasses products, hydrolyzed feather meal, plant protein products, hydrolyzed vegetable oil, processed grain by-products, urea, 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 D<sub>3</sub> supplement, vitamin E supplement.

## CONTAINER OPTIONS:

**Steel Barrel:** Steel barrels are durable and returnable, but do have the added costs to return the containers. Steel barrels are environmentally responsible as they are removed from pastures once CRYSTALYX® HE-30%™ is consumed.

**BioBarrel®:** The BioBarrel® naturally degrades and disappears. The need for container collection and return is eliminated.

## FEEDING DIRECTIONS:

CRYSTALYX® Brand HE-30%™ 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 underutilized 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 necessary in each lot or pasture to ensure proper accessibility. Free-choice consumption will depend on size of the animals fed, seasonal weather conditions, as well as quality, source and availability of other feeds. Cattle typically consume between 0.5 and 1.5 pounds per-head, per-day.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO FRESH, CLEAN WATER AT ALL TIMES. CRYSTALYX® BRAND HE-30%™ 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 ANY OTHER SPECIES THAT HAVE A LOW TOLERANCE TO SUPPLEMENTAL COPPER.**



WWW.CRYSTALYX.COM  
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6,337,097 - 6,561,787 - 6,716,022



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