

# BREED<sup>UP</sup>™ 20

## PROFILE

CRYSTALYX® Breed-Up™ 20 is a free-choice, all natural vegetable protein supplement fortified with high levels of vitamins and minerals and chelated/organic trace minerals. It has been specially formulated to overcome nutritional stress associated with calving and the breeding period.

## FEEDING APPLICATIONS:

### Dairy

- Replacement heifers (60 days prior to breeding)

### Beef

- Replacement heifers (60 days prior to breeding)
- Cows (45 days prior to calving through breeding)
- Purebred herds
- Donor or recipient cows in an embryo transfer program
- Estrus synchronization programs

## ABOUT THE PRODUCT:

### Assists in Improved Breeding Conditions

- Number and quality of embryos in intensive embryo transfer programs
- Increased first conception rates for purebred breeding programs and estrus synchronization programs
- Expression of heat, standing estrous
- Overall fertility
- Conception rates

### Reduces Stress

CRYSTALYX® Breed-Up™ 20 can help reduce the effects of stress caused by:

- Rigorous schedules of embryo transfer programs
- Poor weather conditions during breeding
- Nutritional challenges going into the breeding season
- High demands of lactation, especially for younger females in your herd.

### Product Numbers

#354K – Breed-Up™ 20, 250 lb

#356K – Breed-Up™ 20, 125 lb

#354K, #356K



## RESULTS BY THE BARREL®

### Uniform, Concentrated Intake:

- Natural protein from all vegetable ingredients
- Increased vitamin and trace mineral fortification to help ensure timely reproductive processes occur.
- Contains Zinpro's® chelated/organic copper, zinc and manganese to improve trace mineral availability and utilization
- High palatability ensures consumption of critical nutrients needed at breeding.

### Consistent, Dependable, Safe Manufacturing

The unique manufacturing process and QA standards for all CRYSTALYX® products, including Breed-Up™ 20 is unmatched in the industry. The three heavy hitters of the CRYSTALYX® Quality Assurance program include:

Dependable: FCI (contains no RUPP—Restricted Use Protein Products)

Consistent: ISO 9001 (documented QA Program)

Safe: HACCP (food safety program)

Leave the details of the programs to us and be assured Breed-Up™ 20 is dependable, consistent and safe.

Beef

## NUTRIENT ANALYSIS:

Crude Protein, min.....	20.0%
Crude Fat, min.....	4.0%
Crude Fiber, max.....	2.0%
Calcium (Ca), min.....	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min.....	1.0%
Potassium (K), min.....	2.0%
Magnesium (Mg), min.....	0.3%
Cobalt (Co), min.....	6 ppm
Copper (Cu), min.....	600 ppm
Iodine (I), min.....	30 ppm
Manganese (Mn), min.....	2,400 ppm
Selenium (Se), min.....	8.8 ppm
Zinc (Zn), min.....	1,800 ppm
Vitamin A, min.....	120,000 IU/lb
Vitamin D <sub>3</sub> , min.....	12,000 IU/lb
Vitamin E, min.....	400 IU/lb

## INGREDIENTS:

Molasses products, plant protein products, monocalcium phosphate, dicalcium phosphate, hydrolyzed vegetable oil, calcium carbonate, magnesium oxide, manganese sulfate, manganese amino acid complex, zinc sulfate, zinc amino acid complex, copper sulfate, copper chloride, copper amino acid complex, ethylenediamine dihydriodide, calcium iodate, cobalt glucoheptonate, cobalt carbonate, sodium selenite, vitamin A acetate, vitamin D<sub>3</sub> supplement, vitamin E supplement.



**DEPENDABLE • CONSISTENT • SAFE**

**CRYSTALYX® Breed-Up™ 20**

## FEEDING DIRECTIONS:

CRYSTALYX® Breed-Up™ 20 is designed for free-choice feeding to growing and replacement heifers and mature breeding cattle fed moderate to high protein forages. Breed-Up™ 20 is fortified with high levels of vitamins and trace minerals to help overcome nutritional stress associated with late gestation, calving, early lactation and the breeding period. Free-choice consumption will depend on the size of the animals fed, as well as, quality, source and availability of other feeds.

**Heifers and Mature Breeding 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. Cattle typically consume between 0.25 and 0.75 pound per-head, per-day.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO FRESH, CLEAN WATER AT ALL TIMES.

**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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**NEW 2/07**