

# Replacement Heifer<sup>TM</sup> Formula

#2963, #2964, #739R, #740R

## PROFILE

CRYSTALYX<sup>®</sup> Replacement Heifer Formula<sup>TM</sup> is a high energy, free-choice protein and mineral supplement formulated for the growing heifer. As part of a balanced feeding program, Replacement Heifer Formula<sup>TM</sup> will provide needed trace minerals, vitamins, added energy and protein for the developing heifer.



## FEEDING APPLICATIONS:

### Dairy & Beef

- Replacement heifers, (400 pounds body weight, four months to calving)

## ABOUT THE PRODUCT:

### Highly Fortified with Vitamins and Trace Minerals

- Convenient supplementation over a variety of heifer diets and production systems, especially animals in extensive grazing conditions.
- Palatability of this molasses-based supplement ensures consistent intake of nutrients throughout your herd.
- Solid nature of this supplement prevents overconsumption, which can occur with loose, free-choice supplements.

### Supplemental Protein and Energy

- Replacement Heifer Formula<sup>TM</sup> offers protein to help balance the needs of heifers grazing mature pastures or fed moderate to low quality hay/haylages and corn silage.
- Energy-dense molasses-based supplement adds energy to the ration in addition to increasing available energy by improving fiber digestion. This is important in moderate to low quality pastures, forages or hay/haylage feeding situations.

## RESULTS BY THE BARREL<sup>TM</sup>

### Heifer Feeding Considerations (Dairy)

- Feed to achieve post-calving body weights of 1,200 to 1,250 pounds.
- Develop heifer nutrition programs with the same commitment as lactating cows.

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### Age (Months)

	3-6	7-12	13-18	19-22
Average Wt. (lb)	300	600	900	1,100
DMI (lb/day)	9.0	15.0	20.0	24.0
% Body Wt.	3.0	2.5	2.3	2.2

### Nutrient Specifications (% of DM)

Crude Protein	16.00	15.00	14.00	13.00
TDN	74.00	70.00	63.00	63.00
NE <sub>1</sub> (mcal/lb)	.68	.66	.65	.63
Calcium	.40	.35	.32	.30
Phosphorus	.40	.35	.32	.30
ADF, min	19.00	22.00	22.00	22.00
Forage	20-60	30-90	40-100	40-100

Beef/Dairy

### Product Numbers

- #2963 – Repl. Heifer Formula<sup>TM</sup>, 250 lb
- #2964 – Repl. Heifer Formula<sup>TM</sup>, 125lb
- #739R – Repl. Heifer Formula<sup>TM</sup>, 60 lb (no lid)
- #740R – Repl. Heifer Formula<sup>TM</sup>, 60 lb (w/lid)

CRYSTALYX<sup>®</sup> 30-100

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### **Heifer Feeding Considerations (Beef)**

- Energy and protein must be balanced to maximize frame size and have desirable body condition.
- Most economical approach is to raise heifers at optimal rates of gain (rapid rates of gain can impair future milk production).
- Develop beef heifers to achieve 65% of their mature weight at breeding.
- Replacement Heifer Formula™ is an ideal supplement choice for forage-based heifer development programs.
- Replacement Heifer Formula™ provides unlimited opportunities for uniform supplemental intake throughout your herd.
- Correctly balanced degradable and undegradable protein ingredients assist heifers with achieving their genetic growth potential.

### **Weather-Resistant**

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

### **NUTRIENT ANALYSIS:**

Crude Protein, min .....	30.0%
<small>(Including not more than 18.0% equivalent crude protein from non-protein nitrogen.)</small>	
Crude Fat, min.....	4.0%
Crude Fiber, max.....	2.0%
Acid Detergent Fiber (ADF), max.....	2.5%
Calcium (Ca), min .....	3.5%
Calcium (Ca), max.....	4.5%
Phosphorus (P), min.....	2.0%
Salt (NaCl) .....	None Added
Potassium (K), min .....	2.5%
Magnesium (Mg), min .....	2.0%
Sulfur (S), min.....	0.9%
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 .....	100,000 IU/lb
Vitamin D <sub>3</sub> , min .....	20,000 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, sulfur, magnesium oxide, 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.

**CRYSTALYX® Replacement Heifer Formula™**

### **FEEDING DIRECTIONS:**

CRYSTALYX® Brand Replacement Heifer Formula™ is designed to be self-fed to developing replacement heifers.

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 size of the animals fed, seasonal weather conditions, as well as quality, source and availability of other feeds. Cattle typically consume between 0.25 and 1.0 pound per-head, per-day.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO FRESH, CLEAN WATER AT ALL TIMES. CRYSTALYX® BRAND REPLACEMENT HEIFER FORMULA™ 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  
U.S. Patent No. 6,244,217 - 6,390,024 - 6,561,133



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**Rev. 01/05**