

# Dry Cow™ Formula

#2992, #2974, #759R, #758R

## PROFILE

CRYSTALYX® DRY COWFORMULA™ is a self-fed supplement designed for use in addition to a balanced ration for dry cows consuming low calcium and/or potassium forages. DRY COW FORMULA™ is fortified with vitamins, minerals and trace minerals to aid in reducing metabolic disorders and subsequent rebreeding problems.



## FEEDING APPLICATION:

- Dry Cows

## ABOUT THE PRODUCT:

### The Delivery

- DRY COW FORMULA™ is available 24-7 in a highly palatable formulation that ensures even timid cows of proper fortification to help maximize production and minimize metabolic disorders.
- The homogeneous blend of nutrients may compensate for sorting or variable consumption of most dry cow diets, i.e.: dry & bulky, easily sorted feeds.

### Calving/Reproduction

- Extra vitamin and trace mineral fortification helps develop strong, healthy, newborn calves and quality colostrum.
- Phosphorus, selenium and vitamins A and E help prevent retained placentas and other health related problems that can delay rebreeding.

## RESULTS BY THE BARREL™

### Convenient

- DRY COW FORMULA™ is a free-choice supplement for dry cows on all types of rations.
- Since the durable steel barrel is returnable, it is environmentally-friendly. Furthermore, all CRYSTALYX® products are weather-resistant and easily accommodates feeding conditions in a variety of climates.

### Prevent Milk Fever and Ketosis

- DRY COW FORMULA™ has low calcium and moderate phosphorous to help improve the calcium status, i.e.: able to mobilize calcium preventing milk fever.
- Vitamin and trace mineral fortification is important for reducing risk of fresh cow problems, i.e.: avoid ketosis and milk fever.

Dairy

Dry Off		Calving	
60 days	Far -Off Dry Cow Mgmt.	24 to 21 days	Close-Up Dry Cow Mg mt.

- **“First 6 weeks of dry period”**
- Moderate to lower energy and protein
- High fiber and bulk
- Low dietary calcium, potassium and salt
- Important need for trace minerals and vitamins

- **3 weeks pre-calving**
- **Transition dry cows**
  1. Increase concentrate DM .5% to .75% (10 lb/cow/day)
  2. Increase crude protein to 14%
  3. Adapt to milking forages used for lactating herd
  4. Important for trace minerals and vitamins
  5. Low dietary potassium and salt
  6. Anionic salts if needed for hypocalcemia
  7. TMR to control grain:forage ratio

### Product Numbers

#2992 – DRY COW FORMULA™, 250 lb  
 #2974 – DRY COW FORMULA™, 125 lb  
 #759R – DRY COW FORMULA™, 60 lb (w/lid)  
 #758R – DRY COW FORMULA™, 60 LB (w/o lid)

CRYSTALYX® 50-300

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## NUTRIENT ANALYSIS:

Crude Protein, min .....	15.0%
<i>(including not more than 10.0% equivalent crude protein from non-nitrogen)</i>	
Crude Fat, min .....	3.0%
Crude Fiber, max.....	2.0%
Acid Detergent Fiber, max.....	2.5%
Calcium (Ca), min .....	1.5%
Calcium (Ca), max.....	2.0%
Phosphorus (P), min .....	1.0%
Potassium (K), min .....	2.0%
Magnesium (Mg), min .....	1.0%
Cobalt (Co), min.....	40 ppm
Copper (Cu), min .....	500 ppm
Iodine (I), min.....	50 ppm
Manganese (Mn), min.....	1,900 ppm
<b>Selenium (Se)*, min.....</b>	<b>11.8 ppm</b>
Zinc (Zn), min .....	2,500 ppm
Vitamin A, min.....	200,000 IU/lb
Vitamin D <sub>3</sub> , min .....	40,000 IU/lb
Vitamin E, min .....	1,400 IU/lb

\* All CRYSTALYX® Brand Dairy Supplements have selenium levels that comply with regional, state and national regulatory guidelines. Please read the label for the selenium level in CRYSTALYX® Brand Dairy Supplements for your area.

## INGREDIENTS:

Molasses products, hydrolyzed vegetable oil, monocalcium phosphate, dicalcium phosphate, processed grain by-products, urea, magnesium oxide, zinc oxide, manganous oxide, copper sulfate, cobalt carbonate, ethylenediamine dihydriodide, calcium carbonate, sodium selenite, vitamin A acetate, vitamin D<sub>3</sub> supplement, vitamin E supplement, vitamin B<sub>12</sub> supplement, menadione dimethylpyrimidinol bisulfite, niacin, riboflavin, calcium pantothenate, choline chloride.

## FEEDING DIRECTIONS:

CRYSTALYX® Brand DRY COW FORMULA™ is designed to be fed only during the dry period, which is typically 30-60 days in length prior to calving. DRY COW FORMULA™ should be fed along with a long-stem, low calcium forage. Continue feeding until freshening or until cows are switched to CRYSTALYX® Brand CLOSE-UP™ OR TRANSITION STRESS FORMULA™.

Place containers in areas that achieve desired supplement intake. Feed at the rate of one (1) 250 lb. or (1) 125 lb. 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. 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 0.75 pound per-head, per-day.

ALL CONSUMPTION FIGURES STATED HERE ARE APPROXIMATE. PROVIDE FREE ACCESS TO FRESH, CLEAN WATER AT ALL TIMES. CRYSTALYX® BRAND DRY COW FORMULA™ CONTAINS NO SALT. LIMIT SALT INTAKE TO APPROXIMATELY ONE (1) OUNCE PER-HEAD, PER-DAY.

**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.**

**WARNING: For Jersey Dairy cattle, which are known to be sensitive to copper toxicity, consider all sources of dietary copper in the complete diet. Supplemental copper sources and/or ingredient levels may need to be modified in these animal feeding situations.**



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