Product Number – **301290**
Formula Number – **39VH**

PURINA® CX8™ 1.0 CP PELLET

Specie: Beef **Type of Feed:** Supplement **Form of Feed:** Pellet

General Description: A feed supplement designed to optimize reproductive performance in beef cattle.

PURINA® CX8™ 1.0 CP PELLET

SUPPLEMENT FEED FOR CATTLE ON PASTURE OR IN DRYLOT

GUARANTEED ANALYSIS

Crude Protein, (Min)	**13.00 %**
Crude Fat, (Min)	**2.00 %**
Crude Fiber, (Max)	**20.00 %**
Calcium (Ca), (Min)	**2.90 %**
Calcium (Ca), (Max)	**3.90 %**
Phosphorus (Ca), (Min)	**1.90 %**
Salt (NaCl), (Min)	**4.00 %**
Salt (NaCl), (Max)	**5.00 %**
Magnesium (Mg), (Min)	**0.25 %**
Potassium (K), (Min)	**0.50 %**
Manganese (Mn), (Min)	**1200 ppm**
Cobalt (Co), (Min)	**29 ppm**
Copper (Cu), (Min)	**300 ppm**
Iodine (), (Min)	**15 ppm**
Selenium (Se), (Min)	**6.5 ppm**
Zinc (Zn), (Min)	**900 ppm**
Vitamin A, (Min)	**75000 IU/LB**
Vitamin D3, (Min)	**7500 IU/LB**
Vitamin E, (Min)	**75 IU/LB**

INGREDIENTS

Note: ingredients differ by manufacturing plant

Processed Grain By-Products, Calcium Carbonate, Salt, Dicalcium Phosphate, Monocalcium Phosphate, Molasses Products, DL-Methionine Hydroxy Analogue Calcium, Calcium Hydroxide, Plant Protein Products, Natural Flavor, Saccharin Sodium, Zinc Amino Acid Complex, Manganese Amino Acid Complex, Copper Amino Acid Complex, Cobalt Glucoheptonate, Calcium Stearate, Silicon Dioxide, Manganese Hydroxychloride, Selenium Yeast, Chromium Propionate, Vitamin E Supplement, Artificial Flavor, Vitamin A Supplement, Ethylenediamine Dihydroiodide, Sorbitan Monostearate, Zinc Hydroxychloride, Vitamin D3 Supplement, Sodium Selenite.

DIRECTIONS:

Feed to cattle at a rate of 1 lb. per head per day along with adequate quantities of forage and grain.

CAUTION:

Store in a dry, well-ventilated area protected from rodents and insects. Do not feed moldy or insect-infested feed to animals as it may cause illness, performance loss or death.
USE ONLY AS DIRECTED.

Available Options:

Product No.	Package	Form	Feeding Rate
301290	50# Bag	Pellet 5/32-11/64”	1 lb/hd/day

Product Features:	**Product Benefits:**
Balanced Mineral and Vitamin Nutrition	Contains essential macro and trace minerals at proper levels and ratios to address mineral deficiencies inherent in forages to meet cattle nutritional requirements throughout the year. Provides vitamin supplementation as forages are deficient in vitamins. Supplemental vitamins A, D, and E to support optimal health, fertility, and growth.
Zinpro® recommended rate of ProPath® 4	Unique, patented trace mineral combination of 2:1 complexed organic zinc, manganese, copper and cobalt for optimal absorption. Support immunity, reproduction, growth, milk production, and nutrient metabolism.
Additional Intellibond® Mn and Zn Hydroxychloride supplementation	Support effective trace mineral absorption in the small intestine.
Yeast	For optimal fermentation and rumen health by supporting the production of enzymes and metabolites.
Phytogenic compound	Plant derived compound to support proper inflammatory response. Antioxidant properties to support normal oxidative metabolism to maintain optimal performance.
NutraBlend Selenium yeast	Selenium is an essential trace mineral that plays a key role in growth and health. Support proper whole-blood selenium concentration in cows and selenium concentration of their calves at weaning.

Purina Beef Cattle Animal Nutrition Research Study, Gray Summit, MO

Background information and study design:

- AI conception rate evaluated at Purina Animal Nutrition Center.
- Synchronized mature herd, black baldies, 2 consecutive years, 164 total head, BCS ≈ 6.5.
- Purina CX8 was fed 30 days before breeding and 90 days after.
- Diets were not designed to be nutrient-deficient, and animals were fed to meet requirements.

First Service Conception Rates from Artificial Insemination					
	Control		Purina CX8		
Group	Year 1	Year 2	Year 1	Year 2	% Unit Change
Cows*	70.7%	55.0%	73.1%	65.9%	+6.7
*Conception determined by palpation at weaning approximately 150 days post AI.					