

WIND & RAIN® AS 4 PROCYCLE® CX8™ MINERAL TUB



Specie: Beef **Type of Feed:** Mineral **Form of Feed:** Tub

General Description: Beef cattle mineral designed to correct trace mineral deficiencies of the available forage in a cooked molasses tub form. Optimize reproductive performance through trace mineral nutrition using a sulfate-free combination of organic and inorganic trace mineral sources including the full recommended rate of ProPath 4® to maximize absorption potential. Also contains Puriferm (Cellulo-Gest™), a proprietary blend of fungal enzyme ingredients with two active components to help support fiber digestibility and optimal body condition score. This tub also contains CX8™, a feed supplement designed to optimize reproductive performance. Wind & Rain® ProCycle® supports cow health, reproductive performance and nutrient absorption during breeding, gestation and lactation.

PURINA® WIND & RAIN® ALL-SEASON 4 PROCYCLE® CX8™ MINERAL TUB SUPPLEMENT FEED FOR BEEF CATTLE ON PASTURE

GUARANTEED ANALYSIS

Crude Protein, (Min).....	5.00 %
Crude Fat, (Min).....	3.00 %
Crude Fiber, (Max).....	2.00 %
Calcium (Ca), (Min).....	5.00 %
Calcium (Ca), (Max).....	6.00 %
Phosphorus (P), (Min).....	4.00 %
Magnesium (Mg), (Min)	1.00 %
Potassium (K), (Min).....	2.00 %
Manganese (Mn), ppm (Min)	2400
Cobalt (Co), ppm (Min).....	55.65
Copper (Cu), ppm (Min)	1000
Iodine (I), ppm (Min)	100
Selenium (Se), ppm (Min)	13.5
Zinc (Zn), ppm (Min).....	3000
Vitamin A, I.U./lb, (Min)	150000
Vitamin D, I.U./lb, (Min)	15000
Vitamin E, I.U./lb, (Min).....	400

INGREDIENTS

Note: ingredients differ by manufacturing plant

Molasses Products, Dicalcium Phosphate, Monocalcium Phosphate, Vegetable Oil, DL-Methionine Hydroxy Analogue Calcium, Calcium Hydroxide, Magnesium Oxide, Plant Protein Products, Calcium Carbonate, Natural Flavor, Saccharin Sodium Dried Aspergillus oryzae Fermentation Product, Dried Aspergillus niger Fermentation Product, Zinc Amino Acid Complex, Manganese Amino Acid Complex, Processed Grain By-Products, Copper Amino Acid Complex, Sodium Selenite, Cobalt Glucoheptonate, Calcium Stearate, Silicon Dioxide, Manganese Hydroxychloride, Diatomaceous Earth, Zinc Hydroxychloride, Selenium Yeast, Chromium Propionate, Vitamin E Supplement, Ethylenediamine Dihydroiodide, Dextrose, Artificial Flavor, Basic Copper Chloride, Lactose, Vitamin A Supplement, Cobalt Carbonate, Sorbitan Monostearate, Vitamin D3 Supplement.

DIRECTIONS:

1. Feed one tub per 25 to 30 head of cattle and at least 2 tubs per pasture to ensure adequate intake by younger, timid animals. 2. Place tubs within 100 feet of where animals congregate (loafing, grazing, feeding and watering areas). 3. Feed tubs continuously along with plentiful sources of forage and fresh, clean water. 4. Cattle will consume approximately 1/4 to 1/2 pound of this supplement per head daily. 5. If additional mineral and vitamin fortification is needed, provide a nutritionally balanced mineral/vitamin supplement containing salt. 6. This product does not contain salt; therefore, supplement salt should be offered at all times. Placement of tubs can influence grazing distribution in large pasture situations. Place tubs near areas of under-utilization in order to entice animals to specific locations within a pasture.

Introductory Period: During the first week of use, place the tubs within 100 feet of the loafing and/or watering areas. As animals become accustomed to the presence of the tubs, some repositioning may be necessary. Move the tubs closer to increase consumption, further away to decrease consumption.

IMPORTANT: Consumption rate depends on location of the tubs with respect to loafing, grazing, feeding and/or watering areas. Also consider animal condition, forage quality and quantity and seasonal weather conditions. If over-consumption occurs for more than two weeks despite tub repositioning, remove tubs and evaluate the overall feeding program.

Available Options:

Product No.	Package	Product Form	Feeding Rate
301282	125# Plastic Tub	Cooked Molasses Tub	4 – 8 oz./hd./day
301291	225# Plastic Tub	Cooked Molasses Tub	4 – 8 oz./hd./day

Product Features:	Product Benefits:
Balanced mineral nutrition	Contains the proper balance and ratios of all 14 essential cattle minerals. Matching the correct product for the cattleman's available forage assures cattle receive the mineral nutrition they need for health, growth and reproduction.
CX8™	Feed supplement designed to optimize reproductive performance.
Weather Resistant	Wind and Rain® Mineral Tubs offer the ultimate in weather resistance.
ProPath® 4 at full rate	Full recommended amount (when fed at 4 oz./hd./day) of bioavailable source of 4 essential trace minerals (zinc, copper, manganese and cobalt) help cows prepare for and recover from production stresses during gestation, calving and lactation. Calves get the start they need to successfully hit the ground and develop quickly to provide more marketable weight. Transition cattle receiving trace mineral supplementation respond better to disease and stress challenges.
Puriferm™ (Cellulo-Gest)	Proprietary blend of <i>Aspergillus oryzae</i> and <i>Aspergillus niger</i> fermentation extracts specifically designed as a ruminant enzyme supplement to enhance forage digestion and optimize dietary energy usage.
Hydroxychloride trace mineral sources of Zinc and Manganese for higher bioavailability	Highly stable, hydroxy trace minerals designed to have avoid destructive interactions to promote absorption. Support growth, feed efficiency, tissue integrity, enzyme processes and immune system function.
Vitamin fortification	High concentration of fat-soluble vitamins designed to support optimal reproductive performance.
Convenience and Safety	Wind and Rain® Mineral Tubs conveniently come in their own mineral feeder, a non-returnable, recyclable plastic tub.

CX8™ 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 Pack 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 Pack		
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.					