



CANNON REPUBLIC  
FEED & FIBER

## Cannon Optimum Premix

For Use to Manufacture Feeds for  
Breeding Bulls - Cow/Calf - Heifer Development - Recipient/Donor - Beef Cattle - Dairy Cattle  
Use Only as Directed.

### GUARANTEED ANALYSIS

Copper,	min.2,500 ppm	max. 2,750 ppm
Selenium, min,		12 ppm
Zinc, min.		10,000 ppm
Manganese, min.		10,000 ppm
Vitamin A, min.		330,000 IU/lb
Vitamin D3, min.		50,000 IU/lb
Vitamin E, min.		600 IU/lb
Riboflavin min.		400 Mg/lb
Thiamine, min.		200 Mg/lb

### PROBIOTICS

Contains sources of viable digestive microorganisms shown below:  
Total Active Yeast: min 4,000,000,000 cfu/lb.  
Saccharomyces Cerevisiae Boulardi CNCM 1079 Yeast.  
Total Active Bacteria: min 15,000,000,000 cfu/lb. Enterococcus Faecium, Lactobacillus Acidophilus, Lactobacillus Casei, Bifidobacterium Thermophilum, Bacillus Subtilis, Lactobacillus Casei, Lactobacillus Plantarum, Lactobacillus Fermentum.

### ENZYMES

**alpha-Amylase** (Aspergillus oryzae) min 22,000 FAU/lb.  
Enzyme function: Hydrolyzes (breaks down) starch.  
One FAU unit will dextrinize soluble starch at 1 gram/hour at 30°C, pH 4.8.  
**Cellulase** (Trichoderma longibrachiatum) min 2,000 CMCU/lb.  
Enzyme function: Breaks down cellulose.  
One carboxymethyl cellulose unit (CMCU) liberates one micromole of reducing sugar (as glucose equivalents) per minute at pH 4.5 and 40°C.  
**Protease** (Aspergillus oryzae, Bacillus subtilis) min 22,000 HUT/lb.  
Enzyme function: Hydrolyzes (breaks down) proteins.  
One HUT unit produces a hydrolysate with the same absorbance at 275 nm as a solution containing 1.10 ug/ml tyrosine in 0.006N HCL.

### INGREDIENTS

Seaweed Derived Calcium, Hydrolyzed Yeast, Yeast Culture, Flaxseed Meal, Dried Seaweed Meal, Yeast Extract, Active Dried Yeast, Sodium Bicarbonate, Potassium Sulfate, Magnesium Sulfate, Dried Cane Molasses, L-Lysine, D-L Methionine, Vitamin A Acetate, Vitamin D3 Supplement, Vitamin E Supplement, Biotin, Niacin, D-Calcium Pantothenate, Folic Acid, Thiamine Mononitrate, Riboflavin-5-Phosphate, Pyridoxine Hydrochloride, Vitamin B-12, Zinc Amino Acid Chelate, Zinc Sulfate, Manganese Amino Acid Chelate, Manganese Sulfate, Manganous Oxide, Copper Amino Acid Chelate, Copper Sulfate, Cobalt Amino Acid Chelate, Cobalt Carbonate, Sodium Selenite, Ethylenediamine Dihydriodide, Yucca Schidigera Extract, Enterococcus Faecium Fermentation Product, Dehydrated, Lactobacillus Acidophilus Fermentation Product Dehydrated, Bacillus Subtilis Fermentation Product Dried, Aspergillus Oryzae Fermentation Product Dried, Bacillus Licheniformis Fermentation Product Dried Bifidobacterium Thermophilum Fermentation Product Dehydrated, Lactobacillus Casei Fermentation Product Dehydrated, Lactobacillus Fermentum Fermentation Product, Dried, Lactobacillus Plantarum Fermentation Product, Dried, Trichoderma Longibrachiatum Fermentation Extract, Dried, Bacillus Subtilis Fermentation Extract, Dried, Aspergillus Oryzae Fermentation Extract, Dried, Aspergillus Niger Fermentation Extract Dried, Calcium Carbonate, Dehydrated Alfalfa Meal, Natural & Artificial Flavors Added.

### Directions For Use

- Use only in formulations at the prescribed inclusion rate range.
- Do not include in feeds intended for sheep or other copper sensitive species.
- Use rate is from 25 lbs. to 50 lbs. per 2,000 lbs.
- Using 50 lbs. per ton supplies the maximum approved level of added selenium under current regulations. Do not use more than 50 lbs. per 2,000 lbs of product.
- Enzymatic & Probiotic activity is protected from the heat of pelleting up to 200°F.
- Use product within one year of receipt for best results.
- Keep product fresh by properly storing bags.

NET WEIGHT 50LBS/22.6 kg

Manufactured Exclusively for Cannon Republic Feed and Fiber Inc.  
Austin TX 78731

By Bridge Communications LLC  
Ardmore OK 73401

**Bridge to Better Nutrition**



#7406 RED

22322