

WIND & RAIN® STORM® ALL SEASON 7.5 COMPLETE WITH ALTOSID®



Specie: Beef

Type: Mineral

Form: Granules

General Description: Mineral and vitamin supplement for beef cattle on pasture designed to correct mineral deficiencies of the available forage in a highly, palatable, weather-resistant, granular form that includes fly control with Altosid® (IGR) for the prevention of breeding of horn flies in the manure of treated cattle.

PURINA® WIND & RAIN® STORM® ALL-SEASON 7.5 COMPLETE W/ ALTOSID®

MINERAL FEED FOR BEEF CATTLE ON PASTURE

Prevents Adult Horn Fly Emergence from Manure of Treated Cattle. A Mineral Nutritional Supplement Containing S-Methoprene* Insect Growth Regulator for the continuous feeding to cattle through the horn fly season.

*As the insect Growth Regulator ALTOSID®

ACTIVE INGREDIENT

S-Methoprene0.014 %
 OTHER INGREDIENTS99.986 %
 Total.....100.000%

GUARANTEED ANALYSIS

Calcium (Ca), (Min).....13.50 %
 Calcium (Ca), (Max).....16.20 %
 Phosphorus (P), (Min).....7.50 %
 Salt (NaCl), (Min).....18.00 %
 Salt (NaCl), (Max).....21.60 %
 Magnesium (Mg), (Min)1.00 %
 Potassium (K), (Min).....1.00 %
 Manganese (Mn), ppm (Min)4800
 Cobalt (Co), ppm (Min).....18
 Copper (Cu), ppm (Min)1200
 Iodine (I), ppm (Min)60
 Selenium (Se), ppm (Min)27
 Zinc (Zn), ppm (Min).....3600
 Vitamin A, I.U./lb, (Min)300000
 Vitamin D, I.U./lb, (Min)30000
 Vitamin E, I.U./lb, (Min).....300

INGREDIENTS

Note: ingredients differ by manufacturing plant

Calcium Carbonate, Salt, Dicalcium Phosphate, Monocalcium Phosphate, Processed Grain By-Products, Vegetable Oil, Plant Protein Products, Potassium Chloride, Manganese Sulfate, Magnesium Oxide, Zinc Sulfate, Sodium Selenite, Mineral Oil, Lignin Sulfonate, Molasses Products, Basic Copper Chloride, Colored with Iron Oxide, Vitamin E Supplement, Vitamin A Supplement, Natural Flavor, Artificial Flavor, Ethoxyquin (a Preservative), Vitamin D3 Supplement, Ethylenediamine Dihydroiodide, Cobalt Carbonate. This product contains ethoxyquin, a preservative.

DIRECTIONS:

When used as directed, this product will provide sufficient S-Methoprene insect growth regulator to prevent the emergence of adult horn flies from manure of treated cattle. Existing adult horn flies will not be affected. **Start feeding before horn flies appear** and continue use until cold weather marks the end of horn fly season.

Allow free choice to cattle.

Cattle should consume an average of 0.286 ounces of this product per 100 lb. of cattle body weight per day, which is equivalent to 4 ounces for a 1,400 lb. cow.

Altosid® IGR will **only be effective on eggs laid in manure** where it interrupts the fly life cycle to prevent development of mature, adult flies.

CAUTION, HAZARD, STORAGE AND DISPOSAL:

Please refer to feed label for guidelines.

Available Options:

Product No.	Package	Size Diameter	Feeding Rate
3010036-106	50 lb. Bag	Granules	4 ounces/head/day

Product Features:	Product Benefits:
Balanced Mineral and Vitamin Nutrition	<ul style="list-style-type: none"> • 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 vitamins A, D, and E supplementation as forages are deficient in vitamins to support optimal health, fertility and growth
Consistent Consumption	<ul style="list-style-type: none"> • Developed and tested at the Purina Animal Nutrition Center to ensure mineral is consumed by cattle at target level critical to supply cattle with the daily nutrition of essential minerals and vitamins
Weather Resistance with Exclusive STORM® Formulation	<ul style="list-style-type: none"> • Patented STORM® formula minerals are developed to resist the elements, not digestion. • Unique manufacturing process prevents clumping/bricking and allows Wind and Rain® mineral to remain palatable even after it becomes wet
Large Particle Size Ingredients	<ul style="list-style-type: none"> • Resistant to wind losses and rain damage to protect investment in mineral and help achieve performance and profitability goals
Altosid®	<ul style="list-style-type: none"> • Prevents Adult Horn Fly Emergence from Manure of Treated Cattle • When cattle mineral is consumed, Altosid® Insect Growth Regulator is passed into the manure, where it stops adult horn fly development at the pupal stage and breaks the horn fly life cycle

FEEDING AND MANAGEMENT:

1. Assure cattle are not starved for nutrients in this product by providing them prior to feeding this product.
2. This product contains added copper. Do not feed to cattle in close proximity to sheep or other species that have a low tolerance to supplemental copper.
3. Offer cattle 50 pounds of this product for every 15 head of cattle.
4. Remove all other self-limiting nutritional supplements while the cattle are consuming this product.
5. Locate this product where cattle congregate (watering, loafing, and shade areas).
6. Replenish this product on a regular basis as needed.
7. If intake of this product is below 0.286 ounces per 100 lbs. cattle body weight per day, increase the number of feeding locations and/or change location(s) to areas more frequented by cattle.
8. If intake of this product is above 0.286 ounces per 100 lbs. cattle body weight per day, reduce the number of feeding locations and/or change location(s) to areas less frequented by cattle.
9. Introduction of this product after adult horn fly infestation is established will require treatment of cattle with adulticides if elimination of the adult fly population is desired.

When to Use Altosid® vs. Clarify®		
	Altosid® IGR:	Clarify® Larvicide
Location of cattle	Pasture	Confinement
EPA-approved for Targeted Fly Species	Horn	House, Stable, Face and Horn
EPA-approved cattle weight for effective dose	1,400 lb.	1,000 lb.
Safe for birds, fish, mammals	Yes	Yes
Safe for dung beetle larvae	Yes	No
When to use – same recommendation for both	30 days before flies emerge (when avg. daily temperature reaches 65° F through 30 days after first frost to help prevent flies from overwintering.	