

TechTalk

BOVINE BLUELITE®

INTRODUCTION

Bovine BlueLite® is an oral rehydration formula specifically designed for ruminating animals such as feedlot steers-heifers, lactating dairy cows, and sheep. Ruminant animals possess a unique ability to efficiently utilize both roughage and grain through their bacterial fermentation in the rumen as compared to simple stomached animals like swine, poultry, and young nursing calves that cannot utilize or digest roughage on an efficient basis. Bovine BlueLite contains buffered electrolytes, water soluble vitamins, and multiple energy sources with a specially designed pH regulating action that enhances utilization and absorption without endangering the ruminant animal encountering lactic acid acidosis. The buffered electrolytes in Bovine BlueLite are non-irritating as compared to some electrolytes that could compound problems of ruminitis and enteritis.

Bovine BlueLite contains special aromatic and flavoring agents that are preferred by the ruminating animal such as cattle and sheep. Bovine BlueLite was field tested in feedlots throughout the Midwest Corn Belt and in feedlots near the Rocky Mountains in all types of cattle ranging from high quality, 400 pound calves and in grass-fed yearlings upon indoctrination in the feedlots, and in all cases the Bovine BlueLite was readily consumed by the cattle and encouraged water intake. Bovine BlueLite was especially helpful in maintaining water intake in cold weather when adequate water intake is often a problem. A specific example of how well Bovine BlueLite is consumed by the ruminant animal is the quick adaptation seen by feeder lambs in starting to consume water with Bovine BlueLite from a tank or trough after shipment into Colorado feedlots.

The unique formulation of Bovine BlueLite, with its tasty and palatable ingredients, makes it the ideal rehydration product for helping the ruminant animal maintain tissue fluids and reducing shrink when dehydration presents a problem as a result of shipping stress, weather changes, changes in rations, or in stresses such as vaccination reactions.

FEEDLOT CATTLE

Bovine BlueLite should be added to the drinking water whenever cattle suffer shrink as a result of shipping, sorting, moving and for supportive therapy when calves dehydrate as a result of pneumonia, shipping fever, diarrhea, vaccination or processing. Bovine BlueLite is compatible with antibiotics and may be added to the drinking water in tanks or troughs to cover the bad taste of many drugs.

Bovine BlueLite contains non-irritating buffered electrolytes in combination with vitamins A, D, E, K, B complex, and ascorbic acid (vitamin C) to help replenish vitamin reserves in the stressed animal. The taste and palatability of Bovine BlueLite make it of special value in starting cattle on water and feed after shipment to new surroundings such as feedlots, and while cattle are moved and shipped to shows/ sales.

DAIRY CATTLE

Bovine BlueLite is readily consumed by dairy calves and lactating dairy cows. The pleasant taste helps encourage water intake to help maintain body fluids and reduce shrink when dairy cows encounter dehydration as a result of winter dysentery, bacterial diarrhea, pneumonia or



WHEN TO USE:

- During heat stress
- Before and after transporting
- Winter dysentery
- For show cattle
- Systemic Mastitis
- Toxic metritis
- After surgeries to rehydrate

FEATURES & BENEFITS:

- Tasty and aromatic buffered electrolyte rehydration formula
- Contains multiple energy sources and vitamin fortification
- Developed for ruminant animals
- First choice for starting cattle in the feedlot
- Cuts losses of body shrink due to shipping, sorting, pneumonia or diarrhea
- Easy to use in water or in feed

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moldy feeds. Bovine BlueLite is easy and convenient to use. It can be individually administered in the water for a few animals or used as a herd treatment in the water tank or in the feed.

SHEEP-FEEDLOT LAMBS

Bovine BlueLite helps lambs get started on water and feed when shipping into the feedlot. The buffered electrolyte fortification makes Bovine BlueLite ideal for administration into lambs suffering from dehydration tetany or staggers.

Bovine BlueLite should be used in the water or feed whenever lambs are dehydrated as a result of bacterial diarrhea, coccidiosis, or during stresses related to sorting, handling, and shipping. The pleasant taste of Bovine BlueLite helps cover up the bad taste of many water medications and it can be used to help assure adequate drug intake during stress outbreaks when flock medication is essential. Bovine BlueLite may be used to help stimulate water intake when water consumption should be stimulated such as in flocks or pens where urinary calculi or intoxications present a problem.

DIRECTIONS FOR USE

Water Administration

Administer Bovine BlueLite in the drinking water for 5 -7 days or as long as animals show evidence of dehydration (body shrink) or until animals are consuming their normal amount of feed ration on a daily basis. Allow cattle or sheep to drink water with the Bovine BlueLite on a free choice base.

Administration Method

Individual
Water Tank

BlueLite

1 heaping tablespoon
1 level 8 oz. cup
1 lb. (2-1/4 c.)
6 lbs.

Water

1 gallon
32 gallons
64 gallons
384 gallons
1 gallon stock solution

Stock Solution

(administer 1 oz. solution to 1 g. water)

Feed Administration

Top Dressing Cattle

BlueLite

2 heaping tablespoons
1 cup

Daily Top Dress Instructions

Add to feed consumed by a 400-pound calf
Add to feed consumed by four 500-pound calves

Top Dressing Sheep

BlueLite

1 heaping teaspoon
1/2 cup

Daily Top Dress Instructions

Add to feed consumed by a 60-pound lamb
Add to feed consumed by ten 60-pound lambs

Water

Intake

Cattle on dry forages and grains normally consume water equivalent to 9-11% of their body weight daily depending on temperatures, stress, and water availability. Lactating cows should be offered additional water with Bovine BlueLite equivalent to their daily volume of milk production.

INGREDIENTS

Dextrose, Sucrose, Lactose, Fructose, Citric Acid, Dipotassium Phosphate, Potassium Chloride, Sodium Chloride, Calcium Lactate, Magnesium Gluconate, Sodium Bicarbonate, Glycine, L-Lysine Monohydrochloride, Zinc Methionine Complex, Vitamin A Acetate, d-Activated Animal Sterol (source of Vitamin D3), dl-Alpha Tocopheryl Acetate (source of Vitamin E activity), Choline Bitartrate, Niacin Supplement, Ascorbic Acid, d-Calcium Pantothenate, Riboflavin Supplement, Pyrioxine Hydrochloride, Thiamine Mononitrate, Folic Acid, d-Biotin, Vitamin B12 Supplement, Artificial Flavors, FD&C Certified Color Added.

AVAILABLE SIZES

- 6 lb. bags
- 2 lb. bags
- 1 lb. jars
- Capsule form(50/jar).

Bulletin No. 012808

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