FBN® STARTER MIN 16:6

Mineral for Calves During Weaning or Receiving

FBN STARTER MIN 16:6 is designed to be fed free choice to calves on forage-based diets at weaning or receiving to aid in health and gut function during stress periods.

A primary focus for these calves is to replenish micronutrients lost during the transition, with focus placed on electrolytes and trace minerals. This product has potassium added for electrolyte balance and increased trace mineral levels to adjust for the lowered intakes of transition calves.

MOS and beta-glucans are also provided to aid in disease prevention and immunity of the calf.

SPECIES
Beef Cattle

STAGE OF PRODUCTION
Cow-Calf

CATEGORY
Dry Mineral & Vitamin Supplement

FEEDING ENVIRONMENT
Free Choice; Pasture; Forage-Based Diets

PRODUCT FORM
Granular

PACKAGING
50LB Bag; 1 Ton Tote; Bulk

HOW TO USE
Feed free-choice with expected consumption of 2 to 4 oz/hd/day.

FBN® STARTER MIN 16:6

Product Composition Benefits

16% Calcium, 6% Phosphorus
Calves being weaned or received are stressed, which manifests as intakes typically half of what should be consumed. Macrominerals are supplied at levels to help overcome the effect of reduced intake on mineral nutrition.

MOS and Beta-Glucans
Intake and stress can impact gut function, primarily affecting gut microbes and immune function. Mannanoligosaccharides (MOS) and beta-glucans are the active ingredients in yeast and have been shown to help with reducing pathogens and attenuating the immune system. FBN STARTER MIN 16:6 contains MOS and beta-glucans to aid the digestive system of stressed calves.

3% Potassium
This product has increased level of potassium salts to aid electrolyte recovery by the calf. Research has shown that increased potassium helps to reduce morbidity in transition calves.

Trace Minerals
Trace minerals are involved in several cellular reactions important to health and productivity of cattle. FBN STARTER MIN 16:6 provides two times the predicted trace mineral requirement. Trace minerals are elevated for the same reason macrominerals are elevated, to overcome the expected low intake by these calves. Trace minerals need to be provided to meet the calf's requirement due to their importance in metabolism and immune function. Copper, zinc and manganese are provided in part as hydroxychlorides to ensure mineral bioavailability.

Hydroxychloride Trace Minerals
Hydroxychlorides are inorganic complexes of copper, zinc and manganese that have been shown to prevent antagonists, such as sulfur, from reacting with the minerals and making them indigestible. Research has also shown that hydroxychlorides had equal or better nutritional attributes compared to organic complexed minerals.

Vitamins
Cattle typically receive their water-soluble vitamins from the rumen microbes. Vitamins A, D3 and E (fat-soluble vitamins) come from their diet. FBN STARTER MIN 16:6 provides fat-soluble vitamins at levels to meet requirements.

Guaranteed analysis and ingredients may differ slightly between manufacturing facilities. For exact specs, refer to tag supplied with product.

Guaranteed Analysis

Calcium	16%
Phosphorus	6%
Salt	17%
Magnesium	0.7%
Potassium	3.0%
Copper	2,400 ppm
Iodine	120 ppm
Manganese	6,500 ppm
Selenium	24 ppm
Zinc	7,000 ppm
Cobalt	24 ppm
Vitamin A	200,000 IU/LB
Vitamin D3	15,400 IU/LB
Vitamin E	100 IU/LB
Trace Mineral Source	50% Hydroxy-chlorides

Included Additives
Celmanax (MOS, beta-glucans)

Ingredients

Calcium Carbonate, Monocalcium Phosphate, Salt, Extracted Citric Acid Presscake, Processed Grain Byproducts, Molasses Products, Vegetable Oil, Potassium Chloride, Manganese Sulfate, Zinc Sulfate, Zinc Hydroxychloride, Copper Sulfate, Magnesium Oxide, Sodium Selenite, Basic Copper Chloride, Vitamin A Supplement, Ethylenediamine Dihydroiodide, Vitamin D3 Supplement, Vitamin E Supplement, Cobalt Carbonate.

FARMERS BUSINESS NETWORK®