# FBN®BREEDER MIN 16:6

# Mineral for Cows with Elevated Needs for Breeding & Lactation

FBN BREEDER MIN 16:6 is designed to be fed free choice to cows on high quality forage diets during the last months of gestation and into lactation and rebreeding.

This product has higher calcium and phosphorus to support increased requirements due to milk production. Trace minerals are important for reproductive success and deficiencies can cause a longer breeding season.

Hydroxychloride trace minerals are used to ensure trace mineral availability to the cow.



## **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®BREEDER MIN 16:6

## **Product Composition Benefits**

## 16% Calcium, 6% Phosphorus

High quality forages will supply a majority of macro minerals required by the animal. Macrominerals are supplied in FBN BREEDER MIN 16:6 to meet nutritional requirements. This product has increased calcium and phosphorus to meet predicted requirements for milk production.

#### 17% Salt

Salt is used to help regulate intake of the product and provide sodium and chloride to the animal. Most forages will not supply sufficient sodium and chloride to meet requirement. Free-choice white salt (NaCl) can be provided separately to control free-choice mineral intake.

## Trace Minerals to Meet 100% of NRC Requirement

Trace minerals are involved in several cellular reactions important to health and productivity of cattle. FBN BREEDER MIN 16:6 provides 100% of the predicted trace mineral requirement. 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 BREEDER 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% 0.2% Magnesium 0.8% **Potassium** 1,250 ppm Copper Iodine 60 ppm Manganese 4,900 ppm **Selenium** 12 ppm Zinc 3,700 ppm

Cobalt 12 ppm

**Vitamin D3** 15,400 IU/LB

217,940 IU/LB

Vitamin E 100 IU/LB

**Trace Mineral Source** 50% Hydroxy-chlorides

# Ingredients

Vitamin A

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

