

# Product Information Guide

## McNess Bovamins NS

## Product Codes: 540905 & 541205

McNess Bovamins NS (no salt) minerals are mineral supplements that provide vitamins and minerals essential to the health and productivity of beef cattle.

McNess Bovamin No Salt minerals are formulated **to be mixed with salt** and fed free choice to cattle on pasture. Bovamins are specially formulated to result in a palatable product that cattle will consistently consume on pasture.

All McNess Bovamin products feature the following.

- **High Quality Ingredients.** McNess uses only the most available sources of vitamins and minerals.
- **High Levels** of available trace minerals and vitamins to reduce breeding and cleaning problems. Trace minerals play important roles in building a healthy immune system in both cows and calves.
- **A Selection** of formulations to meet various nutritional needs. There is no one right formulation for every operation. McNess offers a number of different products to match local conditions.
- **A Completely Guaranteed Tag.** You know exactly what level of nutrients your cattle are receiving. It's a tradition at McNess **"What's on the tag is in the bag."**

McNess offers two basic Bovamin NS products. Both products contain identical trace mineral and vitamin levels, while providing mineral and vitamin levels similar to the Bovamin products, but featuring a lower feeding rate.

- **Bovamin 9 NS**, Product Code 540905. Bovamin 9 NS is designed to be used on mixed legume grass based forages. It delivers the same levels of vitamins and trace minerals as the other Bovamin products but with an intermediate level of phosphorus.
- **Bovamin 12 NS**, Product Code 541205. Bovamin 12 NS provides a higher level of available phosphorus. It is designed to be used in areas that have low phosphorus conditions in both the forage and soil.

### Feeding Directions

- McNess Bovamin no salt products are formulated **to be mixed with salt**, and fed free-

### Bovamin No Salt Products Guaranteed Analysis

Product Name	Bovamin 9 NS	Bovamin 12 NS
Product Code	540905	541205
Calcium, % max.	20	16.4
Phosphorus, %	9	12
Magnesium, %	3.7	3.7
Sulfur, %	.70	1.0
Potassium, %	.50	.60
Zinc, %	1.35	1.35
Manganese, ppm	9750	9750
Copper, ppm	4500	4500
Iodine, ppm	276	276
Selenium, ppm	58.5	58.5
Cobalt, ppm	37	37
Vitamin A IU/LB	450,000	450,000
Vitamin D-3 IU/LB	45,000	45,000
Vitamin E IU/LB	450	450

Ingredients: Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Dried Cane Molasses, Corn Distillers Dried Grains with Solubles, Magnesium Oxide, Magnesium Sulfate, Potassium Sulfate, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement, Copper Sulfate, Zinc Oxide, Manganous Oxide, Mineral Oil, Cobalt Carbonate, Calcium Iodate, Ethylenediamine Dihydroiodine, Sodium Selenite.

### (Feeding Directions continued)

- choice to pasture cattle. Added Salt required. Bova Min NS products contain no added salt. The proper ratio of salt to mineral will vary depending on local conditions.
- As a general rule, start by feeding 2 parts of Bova Min NS mineral with 1 part salt. Increase or decrease the amount of salt to achieve desired Bova Min NS intake. Average daily consumption of Bova Min NS should not exceed 1.8 oz. per head per day so that the intake of selenium does not exceed the legal maximum of 3 mg per head per day.
- Provide one mineral feeder per 15 to 20 head of animals.
- Location of feeders is very important. If mineral consumption is too low, placing mineral feeders closer to heavily traveled areas may improve consumption.
- Consumption will vary with pasture conditions. Relocate or adjust mineral feeder numbers to either increase or decrease consumption as conditions dictate.
- Do not feed to sheep or other copper sensitive species.