



# RANGE 30 MF

## A Nutritionally Formulated Supplement for Cattle

### THE PRODUCT

This nutritionally formulated supplement is designed to complement different low protein forages. This unique supplement is second to none when compared to other low-moisture blocks. This block is the product of a state of the art patented process that provides a unique 24-hour feeding system. **RANGE 30 MF** is an exceptionally dense all-weather block that will give you the most for your money. Here's how:

- ✓ **Economical:** A low feeding rate of 0.5 to 0.75 lb/head/day means lower feeding costs (on a per head per day basis).
- ✓ **High Mineral Fortification:** These supplements are mineral fortified, eliminating the need for additional free-choice minerals, resulting in a feed cost savings of 5¢ to 8¢ per head per day.
- ✓ **Weather Resistant:** The patented, "continuous flow" system creates a quality, low-moisture, exceptionally dense block that maintains its integrity even in hot, humid weather or precipitation.
- ✓ **Minimal Labor:** **RANGE 30 MF** supplement is easy to feed. Simply place the blocks in areas of easy access to the cattle.
- ✓ **Returnable Steel Tubs** are self contained supplement feeders that are environmentally friendly and eliminate the expense of additional feeding equipment.

### FORTIFIED WITH VITAMINS & MINERALS

Based on 0.75 lb intake, **RANGE 30 MF** supplement is heavily fortified with vitamins A, D and E, and contain up to 125% of the new NRC nutrient requirements for trace minerals. Below are some of the reasons why vitamins and minerals supplied by **RANGE 30 MF** supplement is necessary for optimum herd health and performance.

- ✓ **Copper** is required for reproductive performance. A significant symptom of copper deficiency includes delayed or suppressed estrus, along with reduced growth rate, fragile bones and anemia.

- ✓ **Manganese** is a necessary element of bone growth and skeletal development, as well as reproduction. Skeletal abnormalities such as weak bones and stiff joints are signs of deficiency, as well as poor reproductive performance and reduced conception rates in older cattle.
- ✓ **Potassium** is a critical component of electrolyte balance in the body. Potassium assists kidneys in maintaining the water balance, muscle contractions (including heart muscle function) and nerve impulse transmission. Forages tend to be excellent sources of potassium, with the best sources coming from early spring pastures that have not yet reached maturity.
- ✓ **Selenium** is necessary for tissue repair, normal function of the immune system, and reproductive performance. Selenium is interactive with vitamin E. A diet low in vitamin E may require an increase in selenium supplementation. A common symptom of deficiency is white muscle disease in young cattle characterized by lameness, stiffness, or cardiac failure.
- ✓ **Vitamin A** is required for growth, reproduction and maintenance; **Vitamin D** affects calcium and phosphorus utilization and **Vitamin E** helps to increase immune system function as well as interaction with the functions of selenium.
- ✓ **Zinc** is essential in the function of numerous enzymes. It is also needed for normal development and functioning of the immune system. Research has also shown that zinc is a requirement of the reproductive system. Stiff joints, skin lesions, reduced testicular growth, delayed puberty and abnormal estrus may be signs of a zinc deficiency.

### THE PRODUCT

**RANGE 30 MF** may be fed with low protein forages such as fescue, prairie or coastal grasses. **RANGE 30 MF** is also ideal for replacement beef and dairy heifers.

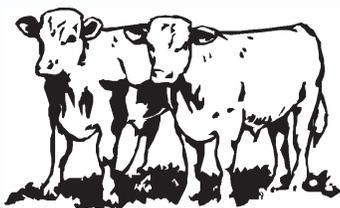


## FEEDING DIRECTIONS

### RANGE 30 MF

Provide free choice as a supplement to pasture cattle at the rate of one block for each 15 to 25 head. Place blocks in each pasture near areas frequented by livestock, such as watering locations, shade or loafing areas. Cattle normally consume approximately 0.75 pound per head daily. Consumption may vary depending on climate, grazing conditions, condition of livestock and/or availability of other feeds. In situations where climate and/or other factors result in consumption less than 0.75 pound per head daily. Providing additional blocks per pasture can increase intake of supplement.

Provide access to fresh water and free-choice salt at all times.



## GUARANTEED ANALYSIS

Crude Protein, minimum .....	30.0%*	Copper, minimum .....	300 ppm
Crude Fat, minimum .....	5.0%	Iodine, minimum.....	15 ppm
Crude Fiber, maximum .....	2.0%	Manganese, minimum.....	1,200 ppm
Calcium, minimum .....	2.0%	Selenium, added.....	6.6 ppm
Calcium, maximum.....	2.5%	Zinc, minimum.....	1,200 ppm
Phosphorus, minimum .....	2.0%	Vitamin A, minimum .....	80,000 IU/lb
Potassium, minimum .....	2.5%	Vitamin D, minimum .....	8,000 IU/lb
Cobalt, minimum .....	3.0 ppm	Vitamin E, minimum .....	80 IU/lb

\* Crude protein in Range 30 MF contains 30% crude protein (not more than 15% as non-protein nitrogen).

Manufactured By:

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**CAUTION:** Use as directed. Observe livestock and monitor intake daily.

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