

FIRSTLIC®

Nutritionally Formulated for Beef Cattle on Pasture, Feedlot Cattle and Lactating Beef and Dairy Cattle



THE PRODUCT

FIRSTLIC® supplement is specially formulated to enrich the diet of cattle subjected to stress due to weather, shipping, illness, or periods of high production. 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. **FIRSTLIC®** is an exceptionally dense block that will give you the most for your money. Here's how:

- ✓ **Economical:** A low feeding rate of 0.50 to 0.75 lbs/head/day means lower feeding costs (on a per head per day basis).
- ✓ **High Mineral Fortification:** This supplement is vitamin and mineral fortified eliminating the need for additional free-choice minerals, resulting in a supplemental feed cost savings of 5¢ to 8¢ per head per day.
- ✓ **Weather Resistant:** The “continuous flow” system creates a low-moisture, exceptionally dense block that maintains its integrity even in hot, humid weather or precipitation.
- ✓ **Minimal Labor:** **FIRSTLIC®** is easy to feed. Simply place the block in areas of easy access to cattle.
- ✓ **Returnable Steel Tubs** are self contained supplement feeders that are environmentally friendly and eliminate the expense of additional feeding equipment.

Based on 0.75 lb intake, **FIRSTLIC®** contains up to 200% of the NRC requirements for trace minerals, with 30% of the guaranteed manganese, copper and zinc provided in an organic form that gives your cattle a special edge during times of high production or stress.

WHAT ARE AMINO ACID COMPLEXES?

Metal amino acid complexed minerals are absorbed more readily than inorganic trace minerals. Complexes are formed when trace minerals such as zinc, manganese and copper become bonded to a single amino acid. These amino acids serve to transport the minerals across the intestinal wall resulting in optimum absorption. Trace mineral uptake is vital to improve and maintain adequate trace mineral status.

Trace mineral status affect herd reproduction performance and health. Cows consuming balanced, highly bioavailable trace minerals are more likely to produce healthy calves that perform well at weaning.

Animals most likely to benefit from complexed trace

minerals include cattle experiencing weaning, shipping, adverse weather conditions, or dairy cattle in high production. **FIRSTLIC®** with complexed trace minerals is the perfect choice for these cattle.

VITAMINS & MINERALS

Below are some of the reasons why vitamins and minerals supplied by **FIRSTLIC®** are 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.
- ✓ **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.
- ✓ **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, and 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.

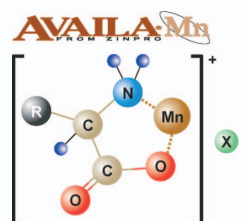
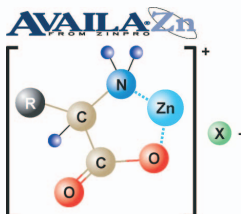
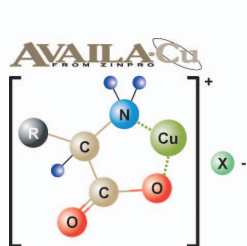


FEEDING DIRECTIONS

FirstLic®

Provide free choice as a supplement to pasture cattle or cattle in drylot at the rate of one block for each 15 to 25 head. Place blocks in each lot or 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, **FirstLic®** consumption may be increased slightly by providing additional blocks in each pasture or lot.

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



For **THE FEED IN A DRUM®** feeding options for cattle on pasture, or when feeding stored forages, feed **NATURAL 20 MF** or **RANGE 30 MF** depending on forage quality and required protein supplementation.

FirstLic® Supplement contains zinc amino acid complex, manganese amino acid complex, and copper amino acid complex manufactured by ZinPro® Corporation.

GUARANTEED ANALYSIS

Crude Protein, minimum	12.0%	Copper, minimum600 ppm
Crude Fat, minimum	5.0%	Iodine, minimum30 ppm
Crude Fiber, maximum	2.0%	Manganese, minimum	2,400 ppm
ADF, maximum	2.0%	Selenium, minimum	8.8 ppm
Calcium, minimum	2.3%	Zinc, minimum	2,400 ppm
Calcium, maximum	2.8%	Vitamin A, minimum	100,000 IU/lb
Phosphorus, minimum	2.0%	Vitamin D, minimum	10,000 IU/lb
Potassium, minimum	2.5%	Vitamin E, minimum	500 IU/lb
Cobalt, minimum	6.0 ppm		

Manufactured By:

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

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