STRESS 22

A Free Choice Supplement for Beef Cattle on Pasture

THE PRODUCT

STRESS 22 supplement is specially formulated to enrich the diet of cattle prior to breeding or when cattle are 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. **STRESS 22** is a nutrient dense block that will give you the most for your money. Here's how:

- ✔ **Economical:** A low feeding rate of .50 to .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: STRESS 22** 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.

Based on .75 lb intake, **STRESS 22** contains up to 125% of the NRC nutrient requirements for trace minerals. 30% of the guaranteed manganese, copper and Zinc are provided in metal amino acid complex form that gives your cattle a special edge during times of high production and 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. **STRESS 22** with complexed trace minerals is the perfect choice for these cattle.

VITAMINS & MINERALS IN STRESS 22

Below are some of the reasons why vitamins and minerals supplied by **STRESS 22** 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.

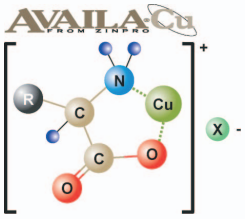
FEEDING DIRECTIONS

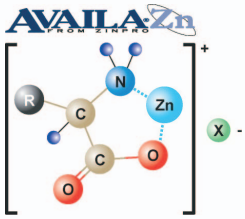
Stress 22

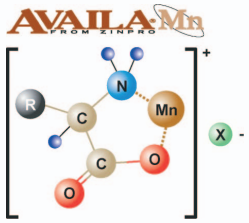
Provide free-choice as a supplement to pasture cattle at the rate of one block for each 15 to 25 head. Place blocks in each pasture near areas frequented by livestock, such as watering locations, shade or loafing areas. Cattle normally consume approximately .75 pound per head daily. Consumption may vary 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 .75 pound per head daily, intake of supplement can be increased by providing additional blocks per pasture.

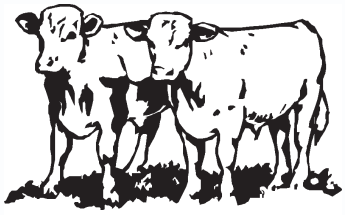
Provide access to fresh water and free-choice salt at all times.

If cattle experience excessive stress such as adverse weather conditions, shipping, weaning, or periods of high production, switching to **THE FEED IN A DRUM®** **FirstLic™** Supplement is recommended.









Stress 22 Supplement contains zinc amino acid complex, manganese amino acid complex, and copper amino acid complex manufacutured by ZinPro® Corporation.

GUARANTEED ANALYSIS

Crude Protein, minimum	22.0%*
Crude Fat, minimum	5.0%
Crude Fiber, maximum	2.0%
Calcium, minimum	2.3%
Calcium, maximum	2.8%
Phosphorus, minimum	2.0%
Potassium, minimum	2.5%
Cobalt, minimum	3.0 ppm
Copper, minimum	300 ppm
Iodine, minimum	15 ppm
Manganese, minimum	1,200 ppm
Selenium, minimum	6.6 ppm
Zinc, minimum	1,200 ppm
Vitamin A, minimum	80,000 IU/lb
Vitamin D, minimum	8,000 IU/lb
Vitamin E, minimum	80 IU/lb

***This includes not more than 10% equivalent crude protein as non-protein nitrogen.**

Manufactured By:

Animal Feed Supplement, Inc.
101 Roanoke Avenue
Poteau, Oklahoma 74953
Phone: 800-722-4957
www.feedinadrum.com

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