



STRESS 22 w/Bio-Mos®

A Free Choice Supplement for Cattle on Pasture

THE PRODUCT

STRESS 22 w/Bio-Mos® 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. Bio-Mos from Alltech® is derived from a specific strain of yeast and improves animal performance. Gastrointestinal (GI) health and integrity is essential for animal performance and Bio-Mos ‘feeds the GI tract’ and thus plays a critical role in animal nutrition and production.

- ✓ **Economical:** A low feeding rate of 0.5 to 1 lb per head daily can significantly minimize your feeding costs on a cost per head per day basis.
- ✓ **High Mineral Fortification:** This supplement is Vitamin and Mineral fortified eliminating the need to feed additional free-choice minerals, resulting in a significant supplemental feed cost savings.
- ✓ **Weather Resistant:** The patented, “continuous flow” system creates a low-moisture, exceptionally dense block that maintains its integrity even in hot, humid weather or precipitation.
- ✓ **Minimal Labor:** **STRESS 22 w/Bio-Mos®** is easy to feed. Simply place the blocks in areas of easy access to cattle.
- ✓ **Returnable Steel Barrels** are economical and environmentally friendly and eliminate the expense of additional feeding equipment. Ask us about other available packaging options and packaging size options.

Based on 0.75 lb intake, **STRESS 22 w/Bio-Mos®** will provide 10 grams of Bio-Mos and contains up to 125% of the NRC 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 or stress.

VITAMINS & MINERALS IN STRESS 22 W/BIO-MOS®

Below are some of the reasons why vitamins and minerals supplied by **STRESS 22 w/Bio-Mos®** 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.



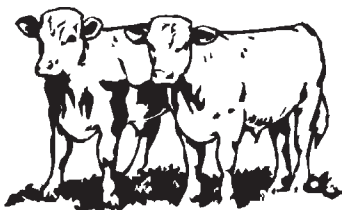
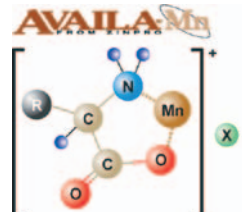
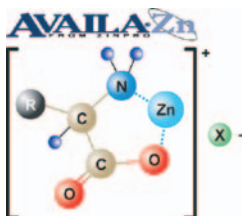
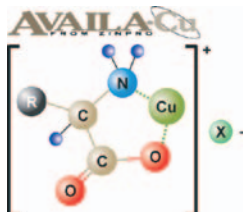
FEEDING DIRECTIONS

STRESS 22 w/Bio-Mos®

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 in pasture near areas frequented by livestock, such as watering locations, shade or loafing areas. Cattle typically consume 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, 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 due to adverse weather conditions, shipping, weaning, or periods of high production, switching to **THE FEED IN A DRUM®** **FirstLic™** Supplement is recommended.



STRESS 22 w/Bio-Mos® Supplement contains zinc amino acid complex, manganese amino acid complex, and copper amino acid complex manufactured by ZinPro® Corporation. Bio-Mos is a registered trademark of Alltech® Corporation.

GUARANTEED ANALYSIS

Crude Protein, minimum.....	22.0%*	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	2.3%	Selenium, minimum	6.6 ppm
Calcium, maximum.....	2.8%	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

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

Manufactured By:

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

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