

SUPERGRO

OF IOWA, LLC



Answering the Demand

for

Better Health and Longevity

Better Performance and Reproduction

Through

Better Nutrition

with

Superior Livestock Nutritional Supplements

THE NEED: VITAMIN/MINERAL SUPPLEMENTATION HAS BECOME A MUST IN THE LIVESTOCK INDUSTRY FOR A NUMBER OF REASONS. INCLUDING AMONG THESE REASONS ARE THE IMPROVED GENETICS, INCREASED PERFORMANCE EXPECTATIONS, CONFINEMENT HOUSING, WEATHER, MOLDS, FEED QUALITY AND AVAILABILITY.

TWENTY SIX MINERAL ELEMENTS ARE KNOWN TO BE REQUIRED BY AT LEAST SOME ANIMAL SPECIES. THEY INCLUDE THE FOLLOWING.

MAJOR ELEMENTS

CALCIUM	ARSENIC
PHOSPHORUS	BORON
POTASSIUM	CADMIUM
MAGNESIUM	CHROMIUM
SODIUM	COBALT
SULFUR	COPPER
CHLORINE	FLUORINE

TRACE OR MICROMINERALS

IODINE	NICKEL
IRON	SELENIUM
LEAD	SILICON
LITHIUM	TIN
MANGANESE	VANDIUM
MOLYBDENUM	ZINC

PRODUCT INFORMATION:

ALL SUPPLEMENTS CONTAIN CALCIUM AND PHOSPHORUS IN VARIOUS RATIOS DESIGNED TO BE USED AS PER THE PRODUCTION REQUIREMENTS OF THE ANIMAL AND ITS FEED COMPOSITION. INDIVIDUALLY OR COMBINED, THEY HAVE TO DO WITH SKELETAL STRUCTURE, MILK PRODUCTION, BREEDING, CLEANING, ENERGY, ETC.

ALL SUPPLEMENTS CONTAIN THE OTHER MAJOR MINERALS OF MAGNESIUM, SULFUR AND POTASSIUM. INDIVIDUALLY OR COMBINED THEY HAVE TO DO WITH MILK PRODUCTION, BUTTERFAT PRODUCTION, NERVOUSNESS, WATERY EYES, DIARRHEA, POOR ENERGY METABOLISM, "GRASS TETANY" ETC.

ALL SUPPLEMENTS CONTAIN THE TRACE MINERALS IRON, ZINC, COPPER, COBALT AND MANGANESE IN A CHELATED FORM AS WELL AS AN INORGANIC FORM. TYPICALLY CHELATES HAVE BEEN SHOWN TO BE THE MOST EFFECTIVE IN BEING ABSORBED INTO THE BLOODSTREAM ASSURING EXCELLENT AVAILABILITY OF THESE ELEMENTS. INDIVIDUALLY OR COMBINED THESE ELEMENTS HAVE TO DO WITH BREEDING, ANEMIA, DISEASE RESISTANCE, IMMUNE SYSTEM RESPONSE, ENERGY PRODUCTION, HEAT FAILURE, MASTITIS, SCOURS, AND FOOT PROBLEMS, ETC.

OTHER TRACE MINERALS INCLUDED ARE IODINE AND SELENIUM. SALT IS INCLUDED IN SOME SUPPLEMENTS AS WELL, HOWEVER, NOT ALL AND ALWAYS AT LESS THAN 10%. THESE ELEMENTS, INDIVIDUALLY OR COMBINED AFFECT RETAINED PLACENTAS, REPRODUCTION, BONE FORMATION, MILK PRODUCTION, CELL OXIDATION RATE, METABOLIC RATE, FOOT PROBLEMS, SOLUBILITY OF PROTEIN, BLOOD NEUTRALITY, WHITE MUSCLE DISEASE, ETC.

ALL SUPPLEMENTS CONTAIN KELP MEAL AS A RICH SOURCE OF A WIDE SPECTRUM. NATURALLY CHELATED MINERAL BASE AS WELL AS A SOURCE OF NATURALLY OCCURRING VITAMINS AND AMINO ACIDS. KELP CONTAINS OVER 60 MINERALS, MORE THAN 12 VITAMINS, INCLUDING E, A, C, B12 AND THIAMIN; AND 21 AMINO ACIDS. IT HELPS INCREASE REGULARITY OF HEAT CYCLES, INCREASES THE NUMBER AND DURABILITY OF SPERM, IMPROVES CONCEPTION RATES AS WELL AS ASSISTS IN MORE EFFICIENT FEED UTILIZATION.

ALL SUPPLEMENTS CONTAIN PROBIOTICS. PROBIOTICS CONTAIN SPECIFIC STRAINS OF BACTERIA (LACTOBACILLUS, ACIDOPHILUS) WHICH WILL IMPLANT OR GROW IN THE INTESTINE PRODUCING LACTIC ACID TO HELP IN THE CONTROL OF PATHOGENIC ORGANISMS AND ASSIST WITH BETTER ABSORPTION OF NUTRIENTS. PROBIOTICS ARE NECESSARY WHEN ANTIBIOTICS HAVE BEEN USED. THE ANIMAL IS SICK OR RECOVERING FROM ALL ILLNESS AND/OR UNDER STRESS FOR VARIOUS REASONS SUCH AS HOT OR COLD WEATHER, CALVING, WEANING, MUDDY LOTS.

ALL SUPPLEMENTS CONTAIN THE MAJOR VITAMINS OF A, D AND E TO ASSURE ADEQUATE AVAILABILITY OF THESE VITAMINS.

GENERAL BEEF SUPPLEMENTS: GUARANTEED ANALYSIS

		MB31X	MB21X	MB11X
CALCIUM	MAX.	17 %	15 %	15.25 %
	MIN.	15 %	14 %	12.75 %
PHOSPHORUS	MIN.	5.0 %	7.0 %	12.5%
MAGNESIUM	MIN.	3.0 %	3.0 %	3.0 %
POTASSIUM	MIN.	1.0 %	1.0 %	1.0 %
SALT	MAX.	10 %	9.5 %	9.75 %
	MIN.	9.0 %	8.5 %	8.25 %
ZINC	MIN.	5000 PPM		
COPPER	MIN.	1500 PPM		
MANGANESE	MIN.	500 PPM		300 PPM
COBALT	MIN.	30 PPM		
IODINE	MIN.	300 PPM		
SELENIUM	MAX.	30 PPM		
VITAMIN A	IU/lb	400,000	200,000	200,000
VITAMIN D	IU/lb	125,000	54,000	54,000
VITAMIN E	IU/lb	700	200	200

FEEDING DIRECTIONS: BEEF ORGANIC MINERAL MAY BE FED EITHER FREE CHOICE OR MIXED WITH OTHER FEED. WHEN FEEDING FREE CHOICE, A COVERED MINERAL FEEDER IS RECOMMENDED TO PROTECT THE MINERAL FROM THE WEATHER. CONSUMPTION WILL VARY WITH THE TYPE OF RATION BEING FED AND THE INDIVIDUAL APPETITES OF THE ANIMALS. WITH MOST FEEDING CONDITIONS, CONSUMPTION SHOULD BE APPROXIMATELY 2 TO 3.5 OUNCES PER HEAD DAILY. DO NOT EXCEED 3.5 OUNCES PER HEAD PER DAY TO STAY BELOW THE LEGAL MAXIMUM OF 3 MILLIGRAMS PER HEAD PER DAY OF SELENIUM. IF CONSUMPTION IS MORE THAN DESIRED, OFFER SALT FREE CHOICE AND IF LESS THAN DESIRED, REMOVE SUPPLEMENTAL SALT. FRESH, CLEAN WATER SHOULD BE AVAILABLE AT ALL TIMES. THESE MINERALS CAN BE MIXED WITH SALT OR WITHOUT SALT.

CAUTION: LIVESTOCK FED A PHOSPHORUS-DEFICIENT RATION MAY OVER-CONSUME MINERALS WHEN THEY ARE FIRST OFFERED. DURING THE FIRST WEEK, LIMIT THE AMOUNT OF MINERAL TO THE MINIMUM AMOUNT ALLOWED IN THE FEEDING DIRECTIONS DAILY AND PREVENT INDIVIDUAL ANIMALS FROM MONOPOLIZING ACCESS TO THE FEEDER. FOLLOW LABEL DIRECTIONS. THE ADDITION TO FEED OF HIGHER LEVELS OF THE PREMIX CONTAINING SELENIUM IS NOT PERMITTED. DO NOT FEED TO SHEEP.

SGI FESCUE EQUALIZER

LIVESTOCK VITAMIN/MINERAL SUPPLEMENT: GUARANTEED ANALYSIS:

CALCIUM (CA)	MAX.	16.8 %
	MIN.	14.0 %
PHOSPHORUS (P)	MIN.	7.0 %
SALT (NACl)	MAX.	9.5 %
	MIN.	8.5 %
MAGNESIUM (MG)	MIN.	5.0 %
SULFUR (S)	MIN.	2.0 %
POTASSIUM	MIN.	1.0 %
ZINC (ZN)	MIN.	0.5 %
IRON (FE)	MIN.	5000 PPM
COPPER (CU)	MIN.	2500 PPM
MANGANESE (MN)	MIN.	300 PPM
IODINE (I)	MIN.	300 PPM
COBALT (CO)	MIN.	10.0 PPM
SELENIUM (SE)	MAX.	26 PPM
VITAMIN A	MIN. IU PER LB.	200,000
VITAMIN D	MIN. IU PER LB.	62,500
VITAMIN E	MIN. IU PER LB.	200

FEEDING DIRECTIONS: Feed free choice or mix in a grain ration to provide 2-4 ounces per head per day.

CAUTION: Follow label directions: The addition of higher levels of the premix containing selenium is not permitted.

Local Dealer:

Available for Other Livestock:

Dairy
Poultry
Swine
Horse
Goat
Sheep

SUPERGRO

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