

Local Dealer:

Available for Other Livestock:

Beef
Dairy
Swine
Horse
Goat
Poultry

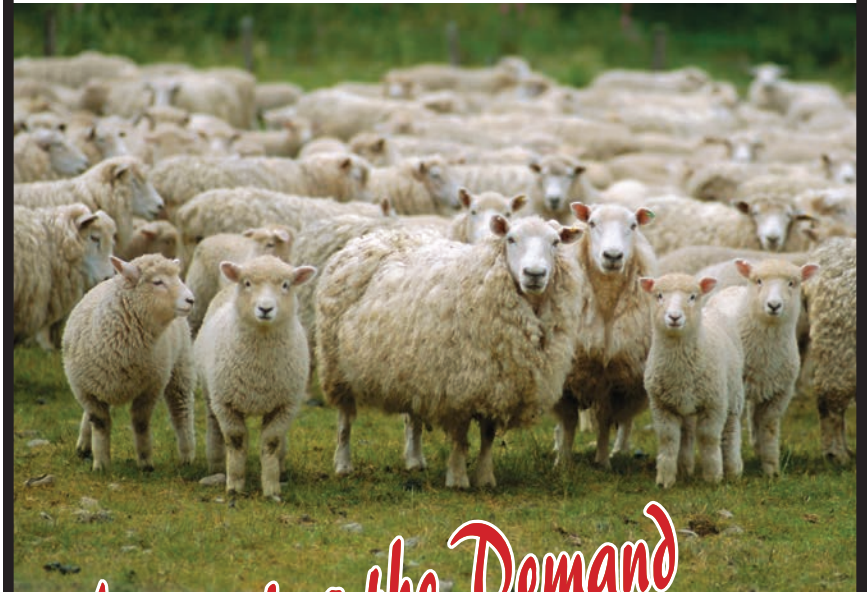
SUPERGRO

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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.

<u>MAJOR ELEMENTS</u>		<u>TRACE OR MICROMINERALS</u>	
CALCIUM	ARSENIC	IODINE	NICKEL
PHOSPHORUS	BORON	IRON	SELENIUM
POTASSIUM	CADMIUM	LEAD	SILICON
MAGNESIUM	CHROMIUM	LITHIUM	TIN
SODIUM	COBALT	MANGANESE	VANDIUM
SULFUR	COPPER	MOLYBDENUM	ZINC
CHLORINE	FLUORINE		

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, BREEDING, ENERGY, ETC.

ALL SUPPLEMENTS CONTAIN THE OTHER MAJOR MINERALS OF MAGNESIUM, SULFUR AND POTASSIUM. INDIVIDUALLY OR COMBINED THEY HAVE TO DO WITH PRODUCTION, NERVOUSNESS, DIARRHEA, POOR ENERGY METABOLISM, 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, 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 AS LESS THAN 10%. THESE INDIVIDUALLY OR COMBINED EFFECT, REPRODUCTION, CONE FORMATION, CELL OXIDATION RATE, METABOLIC RATE, FOOT PROBLEMS, SOLUBILITY OF PROTEIN, BLOOD NEUTRALITY, 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 IMPROVE CONSUMPTION RATES AS WELL AS ASSIST 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, MUDDY LOTS.

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

SUPERGRO SHEEP 3X1 ORGANIC MINERAL

FOR ALL CLASSES OF SHEEP

GUARANTEED ANALYSIS

CALCIUM	NOT LESS THAN	18.0	%
CALCIUM	NOT MORE THAN	20.0	%
PHOSPHORUS	NOT LESS THAN	6.0	%
SODIUM	NO LESS THAN	0.1	%
SODIUM	NO MORE THAN	0.6	%
POTASSIUM	NOT LESS THAN	2.0	%
MAGNESIUM	NOT LESS THAN	4.0	%
SULFUR	NOT LESS THAN	2.0	%
COBALT	NOT LESS THAN	30	ppm
COPPER	NONE ADDED		
IODINE	NOT LESS THAN	300	ppm
MANGANESE	NOT LESS THAN	300	ppm
SELENIUM	NOT LESS THAN	18.0	ppm
ZINC	NOT LESS THAN	5,000	ppm
VITAMIN A	NOT LESS THAN	400,000	IU/lb
VITAMIN D	NOT LESS THAN	125,000	IU/lb
VITAMIN E	NOT LESS THAN	700	IU/lb

INGREDIENTS:

CALCIUM CARBONATE, MONOCALCIUM PHOSPHATE, DICALCIUM PHOSPHATE, MAGNESIUM MICA, MAGNESIUM OXIDE, POTASSIUM CHLORIDE, ORGANIC KELP MEAL, ORGANIC SOYBEAN OIL, SULFUR, ZINC SULFATE, ZINC AMINO ACID COMPLEX, MANGANESE AMINO ACID COMPLEX, COBALT GLUCOHEPTONATE, VITAMIN E SUPPLEMENT, SODIUM SELENITE, VITAMIN A SUPPLEMENT, KAOLIN, DEHYDRATED AGED REED-SEDGE PEAT, WATER, DRIED YEAST, BAKERS DRIED YEAST, BREWERS YEAST, THE FOLLOWING FERMENTATION PRODUCTS (PP): LIQ. ASPERGILLUS NIGAR FP, LIQ. ASPERGILLUS ORYZAE FP, LIQ. BACILLUS SUBTILIS FP, LIQ. BACILLUS LICHENFORMIS FP, LIQ. BACILLUS LENTUS FP, LIQ. LACIOBACILLUS ACIDOPHILUS FP, LIQ. BIFIDOBACTERIUM BIFIDUM FP, LIQ. BIFIDOBACTERIUM LONGUM FP, LIQ. BIFIDOBACTERIUM THEMOPHILUM FP, LACTOBACILLUS FERMENTUM FP, LIQ. LACTOBACILLUS LACTIS FP, LIQ. BACIFUS COAGULUM FP, LIQ. LACTOBACILLUS CASEL FP, LIQ. LACTOBACILLUS CURVATUS FP, LIQ. LACTOBACILLUS BREVIS FP, LIQ. ENTEROCOCCUS FAECIUM FP, VITAMIN D3 SUPPLEMENT, MANGANESE SULFATE, ETHYLENEDIAMINE DIHYDROLYDIDE. COBALT CARBONATE.

FEEDING DIRECTIONS:

SHEEP 3X1 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 ANIMALS. WITH MOST FEEDING CONDITIONS, CONSUMPTION SHOULD BE APPROXIMATELY 0.25 TO 0.5 OUNCES PER HEAD DAILY. FREE CHOICE SALT AND FRESH, CLEAN WATER SHOULD BE AVAILABLE AT ALL TIMES.

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.