



LMF FEEDS

Research - Innovation



CHELATED ORGANIC TRACE MINERALS

PROTEINATED MINERALS FOR MAXIMUM ABSORPTION AND RETENTION. MINERALS DESIGNED TO MATCH AS CLOSELY AS POSSIBLE THE NATURALLY-COMPLEXED TRACE ELEMENT COMPOUNDS FOUND IN FORAGES AND GRAINS.

- hoof and hair condition
- balanced growth of bone and cartilage
- nutritional support during reproduction
- foal trace mineral status at birth
- health maintenance
- quality trace minerals support reproduction and growth in young horses



100% ORGANIC SELENIUM

ORGANIC SELENIUM IS MORE BIO-AVAILABLE THAN INORGANIC FORMS AND BETTER RETAINED, WHICH LET THE HORSE BUILD NUTRIENT RESERVES AGAINST PERIODS OF INCREASED DEMAND WITH LESS RISK OF TOXICITY.

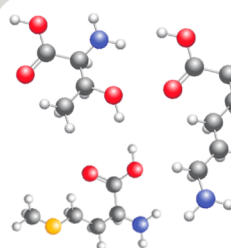
- better tissue retention
- optimizes immune response



NATURAL VITAMIN E

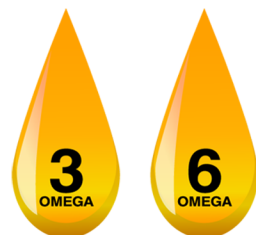
NATURAL VITAMIN E COMES FROM PLANT OILS. VITAMIN E IS AN IMPORTANT FAT SOLUBLE VITAMIN THAT IS NOT PRODUCED BY THE HORSES BODY. THIS VITAMIN MUST BE OBTAINED THROUGH EXTERNAL SOURCES SUCH AS FORAGE, GRAIN AND SUPPLEMENTS.

- acts as an antioxidant
- helps keeps immune system strong
- aids body in proper use of Vitamin K



ADDED AMINO ACIDS

AMINO ACIDS ARE THE BUILDING BLOCKS OF PROTEIN. A COMMON ANALOGY IS THAT PROTEINS ARE THE "WORDS" AND AMINO ACIDS ARE THE "LETTERS" THAT FORM THE "WORDS". IF AN ANIMAL IS TRYING TO FORM A PROTEIN TO BUILD OR REPAIR TISSUE AND AN AMINO ACID IS MISSING THE PROTEIN WILL NOT BE FORMED. LMF FEEDS UTILIZES HIGH QUALITY PROTEIN SOURCES IN ALL OUR FEEDS. IN ADDITION, LMF SUPPLEMENTS WITH TWO CRITICAL AMINO ACIDS, LYSINE AND METHIONINE.



OMEGA 3 AND OMEGA 6 FATTY ACIDS

OMEGA FATTY ACIDS ARE UNSATURATED FATTY ACIDS THAT ARE COMPONENTS OF OILS COMMONLY ADDED TO HORSE DIETS. OMEGA 6 FATTY ACIDS METABOLIZED WITHIN THE BODY TO PRODUCE MEDIATORS OF INFLAMMATION. OMEGA 3 FATTY ACID IS METABOLIZED TO PRODUCE INTERMEDIARIES THAT SUPPRESS INFLAMMATION. BOTH OMEGA-3 AND OMEGA-6 FATTY ACIDS ARE IMPORTANT IN A HORSES DIET.

- hoof health
- reproductive success
- allergy and immune conditions
- respiratory diseases
- exercise recovery



YEAST CULTURE

YEAST CULTURE WORKS TO ENHANCE FIBER DIGESTION AND NUTRIENT ABSORPTION ALLOWING FOR INCREASED ANIMAL PERFORMANCE. BY IMPROVING FEED EFFICIENCY YEAST CULTURE ALSO HELPS TO MAINTAIN BODY AND COAT CONDITION IN HORSES.

- helps maintain normal digestive function
- stabilizes hind gut environment
- enhances nutrient absorptions



MANNAN-OLIGOSACCHARIDE

MANNAN OLIGOSACCHARIDE (MOS) IS AN ALL-NATURAL FEED ADDITIVE DERIVED FROM THE CELL WALL OF SPECIFIC YEAST (*SACCHAROMYCES CEREVISIAE*).

MOS IMPROVES GASTROINTESTINAL HEALTH BY BINDING HARMFUL (PATHOGENIC) BACTERIA, SUCH AS E. COLI AND SALMONELLA. THE BINDING OF THESE BACTERIA REDUCES THE GROWTH OF PATHOGENS IN THE DIGESTIVE SYSTEM, MAKING THE DIGESTIVE SYSTEM, AND THE ULTIMATELY THE HORSE, HEALTHIER.

A HEALTHY HORSE WITH A HEALTHY DIGESTIVE SYSTEM MAKES MORE EFFICIENT USE OF FEED.



GLUCOSAMINE

GLUCOSAMINE IS A NATURAL SUBSTANCE THAT IS FOUND IN THE CARTILAGE TISSUE ASSOCIATED WITH EQUINE JOINTS. IT IS MADE FROM A SERIES OF SUGAR AND PROTEIN MOLECULES. ONCE INCORPORATED INTO JOINT CARTILAGE IS WORKS WITH OTHER SUBSTANCES TO ABSORB SHOCK AND LUBRICATE THE JOINT. GLUCOSAMINE HAS BEEN SHOWN TO FUNCTION IN THE JOINT AS AN ANTI-INFLAMMATORY SUBSTANCE. GLUCOSAMINE IS ADDED TO HELP HORSES FEEL MORE COMFORTABLE AND MOVE EASIER.

THIAMINE

THIAMINE IS ONE OF THE "B-COMPLEX" VITAMINS. THIAMINE IS REFERRED TO AS VITAMIN B1.

SUPPLEMENTING THIAMINE IN THE DIET FOR NERVOUS HORSES SEEMS TO PROVIDE A "CALMING" EFFECT FOR CERTAIN HORSES.

LMF FEEDS ADDS HIGHER LEVELS OF THIAMINE TO LMF SHOWTIME IN AN EFFORT TO KEEP SHOW HORSES FOCUSED.



MAGNESIUM

MAGNESIUM (MG) IS A MINERAL WITH MANY FUNCTIONS IN THE HORSE.

ONE KEY FUNCTION OF MAGNESIUM IS INVOLVEMENT WITH INSULIN TO STORE BLOOD SUGAR. DEFICIENCY OF MAGNESIUM MAY CONTRIBUTE TO WORSENING INSULIN RESISTANCE.

MAGNESIUM IS SPECIFICALLY ADDED TO ALL LMF FEEDS INTENDED TO BE FED TO CARBOHYDRATE SENSITIVE HORSES.