# THE LOW DOWN VITAMINE IN HORSES

### VITAMIN E SOURCES

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



### NATURAL VITAMIN E SOURCE

NATURAL VITAMIN E COMES FROM PLANT OILS.

SYNTHETIC VITAMIN E IS GENERALLY DERIVED FROM A PETROLEUM PRODUCT. SYNTHETIC VITAMIN E IS ONLY ABOUT 12% AS POTENT AS NATURAL VITAMIN F.

NATURAL VITAMIN E IS MORE BIO-AVAILABLE (MEANING EASILY USED BY THE BODY).

# A HORSES NEEDS A MINIMUM OF 500-1000 IU VITAMIN E / DAY

RASED ON 1100 IR HODSE

### NATURAL VITAMIN E TYPES

VITAMIN E NATURALLY EXISTS IN 8 DIFFERENT FORMS. ALPHA-, BETA-, GAMMA-, DELTA-TOCOPHEROLS AND ALPHA-, BETA-, GAMMA-, DELTA-TOCOTRIENOLS.

**ALPHA TOCOPHEROL** IS CONSIDERED THE MOST ACTIVE NATURAL FORM BECAUSE IT IS THE PREFERRED FORM TRANSPORTED AND USED BY THE LIVER.

### VITAMIN E DEFICIENCY

A DEFICIENCY IN VITAMIN E CAN CAUSE A VARIETY OF DIFFERENT SYMPTOMS SUCH AS:

- BECOMING LETHARGIC
- SORE, STIFF OR DAMAGED MUSCLES
- POOR IMMUNITY TO DISEASES

  (RECURRENT COLD OR COUGH)

## ALL LMF HORSE FEEDS CONTAIN 100% NATURAL VITAMIN E

### NATURAL VITAMIN E IN FEEDS

NATURAL VITAMIN E IS GENERALLY LABELLED AS D-ALPHA TOCOPHEROL, D-ALPHA TOCOPHEROL ACETATE, OR D-ALPHA TOCOPHEROL SUCCINATE OR SOMETIMES AS MIXED TOCOPHEROLS, (MIXED TOCOPHEROLS, CONTAIN NOT ONLY D-ALPHA TOCOPHEROL BUT NATURAL MIXTURES OF BETA, GAMMA AND DELTA TOCOPHEROLS).



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