

AMINO ACIDS

in Horses

Amino Acids Sources

Amino acids are needed for a horse's health. The ten amino acids not created in the horse's body are called essential amino acids. These amino acids must be obtained through: forage, grain and supplements. Alfalfa is a top quality source of amino acids.

Amino Acids Role

Amino acids are the building blocks of protein, making amino acids the building blocks of bones, muscles and the body's soft tissues for growth and repair.

Amino Acid Types

A horse needs 21 different amino acids for protein synthesis. 10 are essential amino acids. The only determined amino acid requirement to date is Lysine. Lysine is KNOWN to be the first limiting amino acid, and methionine and threonine are thought to be the second and third.

Amino Acids Growing Horses

Horse that are growing need more amino acids because they are building their muscles, bones and soft tissues which are produced from proteins.

Stamina Feeds utilizes high quality protein sources in all their feeds.

In addition, Stamina Feeds supplements feed with both lysine and methionine.

It is misleading to list numerous amino acids on a horse feed tag as there is not set requirement for any other than Lysine. If Lysine is deficient in the diet it will limit the use of ALL other amino acids, further rendering the amount of these amino acids in the feed to be useless values.



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