



SUPERSPORT®

AMINO ACID SUPPLEMENT

MUSCLE
RECOVERY

MUSCLE
DEVELOPMENT

PERFORMANCE



Supplement shown at smaller than actual size.
Natural variation may occur.

For Horses of All Ages and Activity Levels

Protein is the building block of muscle, but amino acids are the building blocks of protein. The proprietary blend of amino acids in SuperSport® supplement has been scientifically shown to help horses reach their full performance potential. There are many 'muscle builders' out there, but when results matter, reach for the one that supplies the right ingredients in the right amounts, is backed by data in horses and delivers real performance.



Promotes Muscle Recovery

Helps horses return to pre-exercise levels of comfort within 24 hours*



Highly Digestible Protein

Contains multiple quality protein sources, including highly effective whey protein



Supports Muscle Development

With a complex, targeted amino acid profile to help increase lean muscle mass

Added Antioxidants

Including vitamin E and vitamin A for overall wellbeing

Optimizes Performance

Enabling horses to perform at their best, tiring slower*

DEVELOPED BY PhD EQUINE NUTRITIONISTS

*Vineyard, K.R., M.E. Gordon, P. Graham-Thiers and M. Jerina. 2013. Effects of daily administration of an amino acid-based supplement on muscle and exercise metabolism in working horses. *Journal of Equine Veterinary Science*, Vol 33(5).



SUPERSPORT®
AMINO ACID SUPPLEMENT

Research-Proven Benefits for the Athletic Horse

During the development of SuperSport® supplement, horses were fed the same amount of total protein from either SuperSport® supplement or alfalfa. The specific amino acid profile found in SuperSport® supplement was shown to support muscle function of exercising horses in multiple ways.



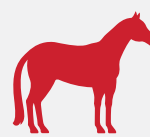
Supports Muscle Development

Horses receiving SuperSport® supplement had **greater forearm muscle circumference and less body fat** than alfalfa-supplemented horses. A subjective muscle mass scoring system also showed positive differences in the overall muscling of horses fed SuperSport® supplement.



Powerful Exercise Capacity

During graded exercise testing, horses supplemented with SuperSport® supplement showed a **significant difference in top speed and time to fatigue** compared to alfalfa-supplemented horses. They also optimized their oxygen-utilizing capacity (VO₂ max) and anaerobic threshold (VLA-4) during the graded exercise test vs. alfalfa-supplemented horses.



Assists in Muscle Recovery

Creatine kinase, a key **indicator of muscle strain or damage**, returned to pre-exercise levels 24 hours after exercise in horses receiving SuperSport® supplement. Levels remained significantly elevated in alfalfa-supplemented horses.

Feeding Directions

- Top-dress SuperSport® supplement over regular feed ration.
- May be fed once daily or divided into multiple feedings.
- Feeding up to twice the recommended daily amount may benefit horses in intense training. However, this double feeding rate should not be exceeded.

DAILY FEEDING AMOUNT OF SUPERSPORT® SUPPLEMENT

Horse Body Weight* (lbs)	Supplement (oz by weight)	Number of Cups** per Meal or Snack
750	6	1
1,000	8	1 1/3
1,250	10	1 2/3
1,500	12	2

*Round up to nearest body weight category.

**Standard 8-oz kitchen measuring cups when measured by volume.

Ingredients

Dehulled Soybean Meal, Wheat Middlings, Soy Protein Concentrate, Dehydrated Alfalfa Meal, Dried Whey Protein Concentrate, Cane Molasses, Calcium Carbonate, L-Lysine, DL-Methionine, Salt, L-Threonine, Vitamin E Supplement, Lignin Sulfonate, Zinc Oxide, Vitamin D₃ Supplement, Copper Sulfate, Thiamine Mononitrate, Vitamin A Supplement, Riboflavin Supplement, Sodium Selenite.

Guaranteed Analysis

Crude Protein (Min)	40.00%
Lysine (Min)	3.50%
Methionine (Min)	1.60%
Threonine (Min)	2.10%
Leucine (Min)	2.80%
Isoleucine (Min)	1.90%
Valine (Min)	1.70%
Arginine (Min)	2.00%
Glutamine (Min)	2.00%
Crude Fat (Min)	2.00%
Crude Fiber (Max)	7.00%
Acid Detergent Fiber (ADF) (Max)	10.00%
Neutral Detergent Fiber (NDF) (Max)	18.00%
Dietary Starch (Max)	8.00%
Sugars (Max)	9.00%
Calcium (Ca) (Min)	1.00%
Calcium (Ca) (Max)	1.50%
Phosphorus (P) (Min)	0.60%
Sodium (Na) (Max)	0.65%
Potassium (K) (Min)	1.00%
Magnesium (Mg) (Min)	0.18%
Sulfur (S) (Max)	0.72%
Copper (Cu) (Min)	55.00 ppm
Selenium (Se) (Min)	0.60 ppm
Selenium (Se) (Max)	0.72 ppm
Zinc (Zn) (Min)	225.00 ppm
Vitamin A (Min)	3,000 IU/lb
Vitamin D ₃ (Min)	1,000 IU/lb
Vitamin E (Min)	500 IU/lb



For more information, contact your local Purina retailer or visit purinamills.com.

