



# PURINA®

## SUPERSPORT™

### NEW!

## AMINO ACID SUPPLEMENT



Scientifically Formulated and Demonstrated in Published Research to Support:



**RECOVERY:** More rapid recovery of muscle cell integrity after exercise to help horses bounce back faster



**PERFORMANCE:** Increased exercise capacity for higher performance over a longer period of time



**MUSCLE MASS:** Supports muscle development for a more athletic body type



### PURINA ANIMAL NUTRITION CENTER

Since 1926, Purina Animal Nutrition Center in Gray Summit, MO has been defining and delivering the future of equine nutrition with a unique philosophy: combine the finest ingredients with exhaustive research and you'll create unsurpassed nutrition for every type of horse. Purina® supplements are researched to work – period.

#### The Science:

Once again, the PhD Equine Nutritionists at Purina are on the cutting edge of equine nutrition research, developing a proprietary blend of amino acids, vitamins, and minerals proven to support muscle performance.

In published scientific research, feeding Purina® SuperSport™ equine supplement resulted in significant optimization of some of the key measures that are critically important to top equine athletes. In a controlled study performed in 2011, horses fed the Purina® SuperSport™ supplement showed statistically significant improvements in muscle development, exercise recovery, and overall athletic fitness and performance when compared to horses that did not receive the supplement.

#### FASTER MUSCLE RECOVERY

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

#### INCREASED EXERCISE CAPACITY

During graded exercise testing, supplemented horses showed a significant increase in top speed and time to fatigue compared to non-supplemented horses. Supplemented horses also improved their oxygen-utilizing capacity ( $VO_2 \text{ max}$ ) and anaerobic threshold ( $V_{La4}$ ) during the graded exercise test, while non-supplemented horses did not.

#### A SUBJECTIVE MUSCLE MASS SCORING SYSTEM ALSO SHOWED AN INCREASE IN THE OVERALL MUSCLING OF SUPPLEMENTED HORSES

Supplemented horses had greater forearm muscle circumference and less body fat than non-supplemented horses. A subjective muscle mass scoring system also showed positive differences in the overall muscling of supplemented horses.

Purina® SuperSport™ Amino Acid Supplement (shown at actual size)





# PURINA<sup>®</sup>

## SUPERSPORT<sup>™</sup>

### AMINO ACID SUPPLEMENT (cont.)

#### Additional Features and Benefits:

- **Optimized Amino Acid Profile:** Includes essential amino acids Lysine, Threonine and Methionine and branched chain amino acids to support muscle development, protection and repair.
- **High Quality Protein:** Includes whey protein and other highly digestible protein sources for optimal bioavailability.
- **Added Antioxidants:** Antioxidants including Vitamin E help address the negative effects of free radicals.

#### Feeding Instructions:

HORSE BODYWEIGHT* (LBS)	SUPPLEMENT (OZ) DAILY
750	6
1,000	8
1,250	10
1,500	12

\*Round up to nearest bodyweight category

#### Guaranteed Analysis:

Crude Protein (Min).....	40.00%
Lysine (Min).....	3.50%
Methionine (Min).....	1.60%
Threonine (Min).....	2.10%
Crude Fat (Min).....	2.00%
Crude Fiber (Max).....	7.00%
Starch (Max).....	8.00%
Sugars (Max).....	9.00%
Calcium (Ca) (Min).....	1.00%

- **Vitamin & Mineral Fortification:** Nutritionally balanced formula to complement the horse's total ration.
- **Grain Free:** Suitable for horses requiring a soluble carbohydrate restricted diet.
- **Palatable Pelleted Form:** Helps encourage consistent intake.

**Recommended for top equine athletes of all ages in all disciplines.**

#### Ingredients:

Dehulled Soybean Meal, Wheat Middlings, Soy Protein Concentrate, Dried Whey Protein Concentrate, Dehydrated Alfalfa Meal, Cane Molasses, Calcium Carbonate, L-Lysine, DL-Methionine, Salt, L-Threonine, Vitamin E Supplement, Zinc Oxide, Vitamin D<sub>3</sub> Supplement, Copper Sulfate, Thiamine Mononitrate, Vitamin A Supplement, Riboflavin Supplement, Sodium Selenite, Natural Anise Flavor, Fenugreek Flavor.

Calcium (Ca) (Max).....	1.50%
Phosphorus (P) (Min).....	0.60%
Copper (Cu) (Min).....	55 ppm
Selenium (Se) (Min).....	0.60 ppm
Zinc (Zn) (Min).....	225 ppm
Vitamin A (Min).....	3,000 IU/lb
Vitamin D <sub>3</sub> (Min).....	1,000 IU/lb
Vitamin E (Min).....	500 IU/lb

#### GUARANTEE

Purina appreciates your business. If for any reason you are not satisfied with the quality of this product, please return it to your Purina<sup>®</sup> Horse Retailer for replacement or a full refund.

Manufactured for:  
Purina Animal Nutrition LLC  
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### Try the Full Line of Purina<sup>®</sup> Horse Supplements

For more information about Purina<sup>®</sup> Horse Feeds and Supplements or to find the Purina<sup>®</sup> Horse Retailer nearest you, please visit [horse.purinamills.com](http://horse.purinamills.com) or call 1-800-227-8941.

