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.

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

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 (VO₂ max) and anaerobic threshold (Vₐ₅) 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.
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:**

<table>
<thead>
<tr>
<th>HORSE BODYWEIGHT* (LBS)</th>
<th>SUPPLEMENT (OZ) DAILY</th>
</tr>
</thead>
<tbody>
<tr>
<td>750</td>
<td>6</td>
</tr>
<tr>
<td>1,000</td>
<td>8</td>
</tr>
<tr>
<td>1,250</td>
<td>10</td>
</tr>
<tr>
<td>1,500</td>
<td>12</td>
</tr>
</tbody>
</table>

*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%
- 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 D3 (Min) ..................................................... 1,000 IU/lb
- Vitamin E (Min) ....................................................... 500 IU/lb

**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 D3 Supplement, Copper Sulfate, Thiamine Mononitrate, Vitamin A Supplement, Riboflavin Supplement, Sodium Selenite, Natural Anise Flavor, Fenugreek Flavor.

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