

CONTRIBUTING VETERINARIAN INSIGHT: **Supplementing for performance, recovery and better behavior.**

By Luis Acosta, Veterinarian

The performance horse is a perfect example of an exceptional athlete. The management of this horse requires special care and attention to the diet, primarily to improve exercise performance, recovery, overall health and well-being. Regardless of the event, the principal dietary components are water, electrolytes and energy. Once these needs are met, dietary supplementation can help many horses to perform at their best. Behavior management and improving muscle recovery for better performance are the key for competitive horses to face the demand of numerous activities. We should be aware of some facts relative to supplementing our horses to enhance performance and maintain peak health.

Many areas have reported deficiency in selenium. Low concentrations of selenium or vitamin E in whole blood reduce optimal antioxidant function, resulting in muscle weakness and altered movement. Respiratory and cardiac function can also be compromised in horses with selenium and/or vitamin E deficiency. Magnesium deficiency usually manifests as nervousness, muscle tension, inability to relax, irritability, hyper-sensitivity to touch or sounds, and poor memory retention.

Horses that are nervous or tense show an inability to learn and concentrate, have tight, tense muscles, are slow to warm up, have soreness or tight backs and poor



National Champion Paso Fino Mare, Portalinda de Shelbran, owned and shown by Jim Cantrell.

recovery. These horses show improvement when a supplement with a combination of high purity selenium, high bioavailability vitamin E (working together as antioxidants), is combined in a formula with additional high absorption magnesium. In my professional experience, I often recommend supplements for horses in training and/or showing with a bioavailable selenium and vitamin E and more recently magnesium for behavior support as a game plan for optimal performance and recovery.

Ultra-Sel by Spectra is complete support for the athletic horse. It is safe, drug test free, affordable and is in general an exceptional combination and complementary dietary supplement for horses. This product was developed with Paso Fino horses, working with horse owners and professional horsemen to create formulas that benefit the demands of the extraordinary equine athlete.

ULTRA-SEL™

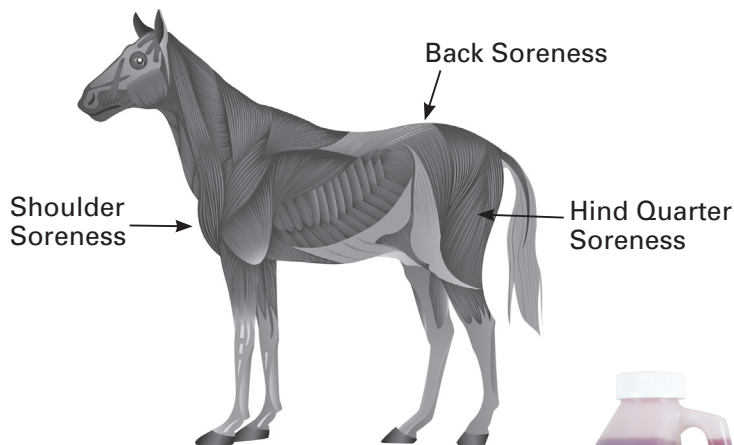
With
**MULTI-PLEX
Magnesium**

THE SORE MUSCLE SOLUTION®

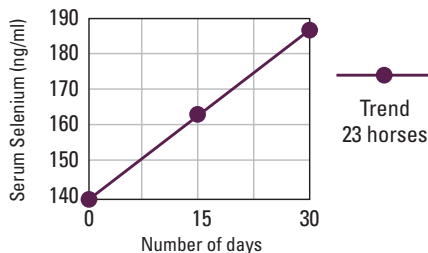
ULTRA-SEL combines optimal selenium absorption and high bioavailability vitamin E with MULTI-PLEX Magnesium, a proprietary brand of magnesium to support muscle metabolism. The unique magnesium blend provides quick absorption in the stomach as well as sustained absorption beyond the stomach. The blend includes a high absorption, chelated organic magnesium, which provides protection against potassium interference. Potassium in the diet can render many magnesium products useless, or deplete their effectiveness.

Advanced Nutrition for Muscle Soreness

Ultra-Sel's unique proven selenium and vitamin E absorption system includes 99% pure selenium and 100% bioavailable vitamin E. The high grade selenium in Ultra-Sel has been proven effective in boosting selenium levels into the performance range better than powders.



Field Testing



* Serum selenium testing conducted at Michigan State University

* Every production batch is independently lab tested to assure the proper selenium content.



Feeding ULTRA-SEL daily helps your horse with a great list of benefits:

- Stabilizing attitude and encouraging focus
- Managing Anxiety
- Decreasing nervousness
- Controlling erratic behavior
- Relieving Tense Muscles
- Increasing exercise tolerance
- Supporting reduced muscle soreness after strenuous exercise
- Minimizing muscle damage
- Reducing the strain on the athlete during the recovery phase
- Drug free and has no known side effects

Spectra Animal Health has an over 20 year safe selenium track record. Every batch is tested to assure the proper amount of selenium is in the product.



How Supplied

Spectra Code	Size	Description
11139	64oz. (1.89L)	Ultra-Sel Equine
11149	1 gal. (3.78L)	Ultra-Sel Equine
11159	2.5 gal. (9.44L)	Ultra-Sel Equine

Directions: Shake well before use.

Maintenance: Mix 1 oz. (30ml) daily per 500 lb. (Approx. 225 kg) animal weight into feed.

Intense Work: Mix 1 oz. (30ml) *twice* daily per 500 lb. (Approx. 225 kg) animal weight into feed.

Expect Results: Within 14 days.

SPECTRA
Expect Results.

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