

SARFORD'S NEWS

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SARSTART® FOR HORSES -IT'S NOT JUST FOR CATTLE ANYMORE!

by Dr. Clayton McNeff

The reports are pouring into SarTec from horse owners that SarStart® is not just for cattle anymore! SarStart® is a liquid drench and feed additive that can be easily mixed directly into a horse's feed. SarStart® contains saponins (from yucca schidigera extract) that have been shown to kill protozoa in the digestive tracts of animals. SarStart® has been directly fed to cattle for more than 20 years, but only recently has also been applied to horse feed. Horse owners have reported almost miracle-like results that include more energy, increased appetites and less irritability, shinier coats, improved memories, more pleasant to ride, more relaxed and healthier. Furthermore, one of the most exciting aspects of SarStart® for horses are the observations that people are seeing for horses afflicted with the protozoan caused disease called Equine Protozoal Myeloencephalitis, or EPM for

short.

Protozoa are microscopic animals that occur in nature as single cells. They comprise a sub-kingdom consisting of single cellular organisms that are the simplest in the animal kingdom. They range in size from submicroscopic to macroscopic.

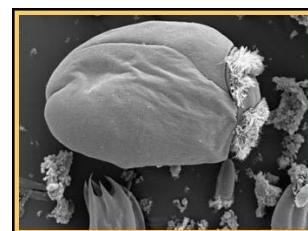
It has been reported that 50% of all horses in the United States have been exposed to the protozoa (*Sarcocystis neurona*) that causes EPM. The disease is not transmitted from horse to horse. Rather, the protozoa are spread by the definitive host, opossums, which acquires the organism from infected birds (raccoons and other bird eating mammals may spread the disease as well). The infective stage of the organism, the sporocysts, are passed in the opossum's feces. The horse comes in contact with the infective sporocysts while grazing or eating contaminated feed or drinking water.

Once ingested, the sporocysts migrate from the intestinal tract into the bloodstream

and cross the blood/brain barrier. There they begin to attack the horse's central nervous system. The onset of the disease may be slow or sudden. If left undiagnosed and untreated, EPM can cause devastating and lasting neurologic damage.

EPM is considered the number one cause of neurologic problems in horses today. Almost every part of the country has reported cases of EPM. However, the incidence of disease is much lower in the western United States, especially in regions with small opossum populations. *However, due to the transport of horses and feed-stuffs from one part of the country to another, almost all horses are at risk.*

Not all horses who are exposed to the protozoan *Sarcocystis neurona* will develop the disease and show clinical signs of EPM. Some horses seem to mount an effective immune response and are able to combat the disease before it gains a foothold. Other horses, especially those under stress, can succumb rapidly to the debilitating effects of EPM. Still others may harbor the organisms for years and then



Protozoa (such as the one pictured above) can cause disease and steal energy away from the host animal. SarStart® is designed to kill protozoa and boost the animal's immune system.

Special Points of Interest:

- SarStart® for Horses - the antiprotozoal drench
- Customer reports about SarStart® for horses
- SarFord's Kitchen - Carne Asada
- Employee Feature: Ike Cunningham



SARFORD'S KITCHEN

Here is a great recipe that SarFord found while browsing the "Beef Its What's for Dinner" website: (<http://www.beefitswhatsfordinner.com/>)

Carne Asada

Ingredients:

2 beef round (sirloin) tip center steaks, cut 1 inch thick (about 8 ounces each) and salt.

Marinade:

2/3 cup prepared Italian dressing
2 tablespoons chopped fresh cilantro
1 tablespoon chili powder

Toppings:

Chopped fresh cilantro, chopped tomato, sliced avocado, dairy sour cream (optional)

Preparation:

1. Combine marinade ingredients in small bowl. Place beef steaks and marinade in food-safe plastic bag; turn steaks to coat. Close bag securely and marinate in re-

frigerator 1 hour.
2. Remove steaks from marinade; discard marinade. Place steaks on grill over medium, ash-covered coals. Grill, covered, 11 to 13 minutes for medium rare doneness, turning once. (Do not overcook.) Season with salt, as desired. Serve with toppings, if desired.

The recipe makes four servings.

Hope you enjoy it! -SarFord

DRAMATIC RESULTS SEEN BY CUSTOMERS USING SarStart® FOR HORSES

We have had numerous orders for SarStart® for horses in the last year and we get new calls from all around the country asking about it. Following are some customer observations of what SarStart® has done for their horses:

- "My mare looks 100% better than she did before SarStart®."
- "I like what I am seeing with my horse. He is peppier and has more energy."
- "After treating a horse, within three days, the horse was acting much better. By day 5 the horse was almost 100%."
- "The first time I put SarStart® on the horse's feed, he did not eat it. Now he nudges me out of the way when I mix it in his feed."
- "My horse is easier to handle after using SarStart®."
- "The horse behaved like an idiot before getting the SarStart®. After being treated with SarStart®, the horse was gentle and easy to ride."

- "...the horse was so thin it wouldn't eat much. After feeding SarStart® for about a month the animal has filled out all over. The mare's poverty line is gone and she is generally in a whole lot better shape. She looks like a healthy horse again and I'm sure SarStart® did it."



- ▶ Combat EPM Symptoms
- ▶ Enhance the Immune System
- ▶ Better Attitude and Feel
- ▶ Increased Energy

Here is what a chiropractic veterinarian says about SarStart® for horses:

"This is why this product (SarStart®) is so good: You can tell a horse (is on the product) immediately when you walk into the show barn. Even though horses may need adjusting, the horses on this product will show very, very good hair coats. For instance, because of the massive dose of vitamins and

yucca that is in it, their coats and muscle content look different. You can really pick up on how nice the presentation of the horse is. It looks bright and healthier."

The recommended dose of SarStart® for horses is 100 cc per day (approx ½ cup). If an animal is fed two times per day then this translates into mixing 50 cc (approx ¼ cup) of SarStart® directly into the grain and feed as usual at both daily feedings. Animals may be slightly apprehensive at the first feeding, but quickly adjust and acquire a taste for the product. After two or three feedings animals typically develop a craving for SarStart®. In fact, some people have used SarStart® on older animals that would not eat (to get them back on feed).

SarStart® is a liquid vitamin supplement containing Yucca extract. It is already mixed and ready to be added directly to horse feed. SarStart® is not a drug and can be given to all classes of livestock or in combination with other medications. It is very economical as a feed additive for horses.

SarStart® contains 250,000 IU of vitamin A, 62,500 IU of vitamin D₃, and 1000 IU of vitamin E per 50 cc dose (as well as several B vitamins). It is packaged in 1 gallon containers (4 gallons per case). One gallon of SarStart® contains a little over 75 doses (50 cc/dose). SarStart® should be kept in a cool place out of reach of children.

SARTEC CORPORATION

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SarTec® is a family owned and operated corporation located in Anoka, MN. Established in 1983, our mission has been to provide high quality, natural products and service to the agricultural industry. From our equipment to our products, we have a number of ways to help you best reach your goals. Individually we can make a difference; together we can perform miracles.

SarTec®

SARTEC EMPLOYEE HIGHLIGHT: IKE CUNNINGHAM

This issue's employee highlight is Ike Cunningham. Ike has been working at SarTec for more than a year and a half and his territory is the states of Texas and New Mexico. Ike has been an important part of SarTec's enhanced ability to meet our customer needs.

Ike was born in Dodge City, Kansas and lived in Cimarron for nine years. His family then moved to Minneola where he graduated from High School. In 1998 he moved to Canyon, TX with an animal health company. After a year he was transferred to Dodge City, Kansas for four years and then back to Canyon, TX, where he currently resides.

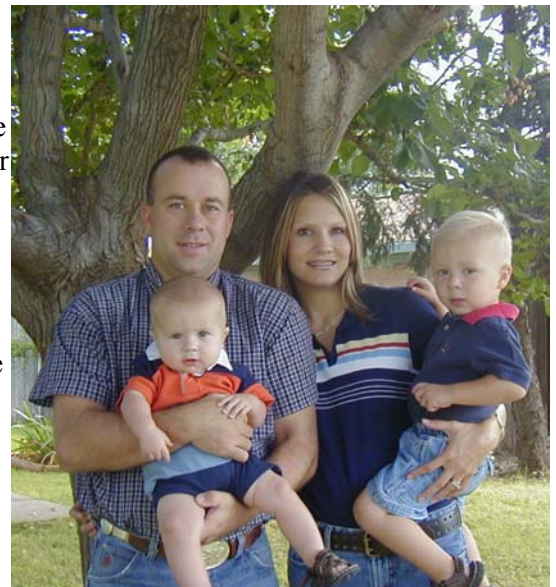
Educationally, Ike has a business degree from the Dodge City Community College and he also graduated from Tabor College with

a Business Management Degree.

Ike has been married to Teresa for eight wonderful years coming this December. They have been blessed with two boys, Parker who is three and Hunter who is one.

Ike prides himself on being very dependable and strives to be as responsive as possible to the needs of his customers. In his free time Ike enjoys a number of athletic activities including hunting, horse riding, playing softball, basketball and fishing. Ike is also an avid motorcycle rider.

When asked what he likes the most about working at SarTec, Ike commented, "SarTec is more like a family than a corporation. You are treated like a family member. Most everyone has been here for over 10 years. That shows the respect from the employees that SarTec has." Thanks Ike, for helping to make SarTec what it is today and for being a part of the team!



Picture: SarTec Sales Representative (TX/NM),
Ike Cunningham and Family

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