



Woodside & Woodside North Equine Clinic Equine Health Times

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What are our Doctors up to?

Woodside Equine Clinic will be on call at the Deep Run Horse Show in June, be sure to stop by and say hello!

Woodside Equine Clinic hosted a continuing education night with Dr. Nora Grenager and Dr. Simon Towel about Lyme disease and a new product for insect control, Vectra 3D. Thank you to

10 Things Every Horse-owner should know about Equine Nutrition!

Julia Wolfe, DVM, DABVP, certified AVCA

Equine Nutrition is a very important yet complicated topic. In the old days, horses needed fresh clean water, green grass, hay and maybe some oats during the winter months. Well nutrition has come a long way since then. We now know more about what your horse's nutritional needs are and how we can keep them in good body weight well up into their twenties. 10 Basic Elements you should know about equine nutrition are:

1) Water-

- A 1,000 pound horse at rest in a moderate or cool environment and eating dry forage will drink anywhere from **10 to 12 gallons of water a day.**
- **Recommend unlimited free access to water.**

2) Grass-

- **A horse should spend 50-60% of their time 12-14 hrs eating.**

all who attended!

Our new interns, Dr. Abigail Velting (Purdue University '14) and Dr. Katy Sullivan (University of Pennsylvania '15) have arrived and will be beginning their intern year on June 12th. Please help us welcome them!

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- Feed Supplementation is NOT necessary unless pasture is not sufficient to meet nutrient requirements! (Vitamins/Minerals/Selenium).

3) Forage-

- **Horses should consume 1.5-2.5% of bw in forages/day**
- **Example: 1000lb horse needs 15-25 lbs in forage/hay/day.**

4) Concentrates/ Grain-

- Use when a horse cannot meet its energy requirements with forage alone.
- Especially horses that are growing, exercise strenuously, lactating, other special circumstances will need grain.

5) What you need to know is NOT on the bag!!-

- If your horse has specific nutritional needs you could consider a nutritional consult with a veterinary equine nutritionist. For instance, there are nutritionists at Virginia- Maryland School of Veterinary Medicine:
<http://www.vetmed.vt.edu/vth/services/nutrition/>
- Check out your feed brand's website for feeding guidelines. They will list different feeds and requirements for hay. REMEMBER THESE ARE JUST GUIDELINES AND NOT ABSOLUTES!
- Purina Horse feed:
 - <http://purinamills.com/horse-feed/feeding-calculator/>
- Triple Crown:
 - <https://www.triplecrownfeed.com/>
- Nutrena:
 - <http://www.nutrenaworld.com/products/horses/index.jsp>

7) Protein-

- Horses have relatively low protein needs.
- Quality of the protein is key.
 - Example: Low protein hay, yields less protein in the diet.
- Protein in grain and grain by-products is more digestible than protein in forage.

8) Vitamins- Organic compounds needed in small amounts

- A, D, E, and K
- Vitamin A and E are found in high amounts in fresh green forage
- Vitamin E deficiency- Concern with stalled horses only on hay, can see deficiencies, can see neurological symptoms: Equine degenerative myeloencephalopathy

9) Minerals- Inorganic nutrients needed in small amounts

- Major essential minerals: Ca, Phosphorus, Mg (magnesium), Na, Cl, K, S (sulfur)
- **High quality forages typically adequate in Mg, K, S.**
- **Selenium-**Is an antioxidant

- Needed for function of the nervous system.
- Low in soils in many regions of North America so feed made low in Se.
- Often should supplement.

10) **Feeding Management-**

- When a horse is stalled or has little access to pasture: Feed 2-3 times per day.
- Better to stall to feed then allow competition, avoid over or under-feeding in a group.
- Hay can be fed 1 hr prior to grain to encourages hay eating first.
- Feed NO more than 6.6 lbs of grain at one time to 1000lb horse.

These are just some basic requirements and information about the nutritional needs of your horse.. For more information feel free to contact your veterinary team at Woodside (804-798-3273) and Woodside North Equine Clinic (540-423-3100).

Blog: Diaries of a Veterinary Intern

Good-bye from Dr. Megan Mathias and Dr. Kara Brown



Hello Woodside and Woodside North Clients! It's time for us to end our time with you as Woodside's Interns, and to introduce our new interns to the practice. We have absolutely loved getting to know you and your horses, ponies, donkeys, mules, and foals! You have all been so lovely to work with and we consider ourselves fortunate to have been able to spend time at a practice with such accomplished and knowledgeable doctors and such a fantastic client base!...

To read more about where Dr. Mathias and Dr. Brown will be heading next year, please read this month's version of [Diaries of a Veterinary Intern!](#)

Our practice devotes its charitable giving efforts to the AAEP foundation. The foundation is committed to supporting education, research and benevolent efforts for horses and their caretakers. If you'd like more information or to donate to the Foundation you can visit the website at [AAEP Foundation](#).



Sincerely,

Woodside & Woodside North Equine Clinic