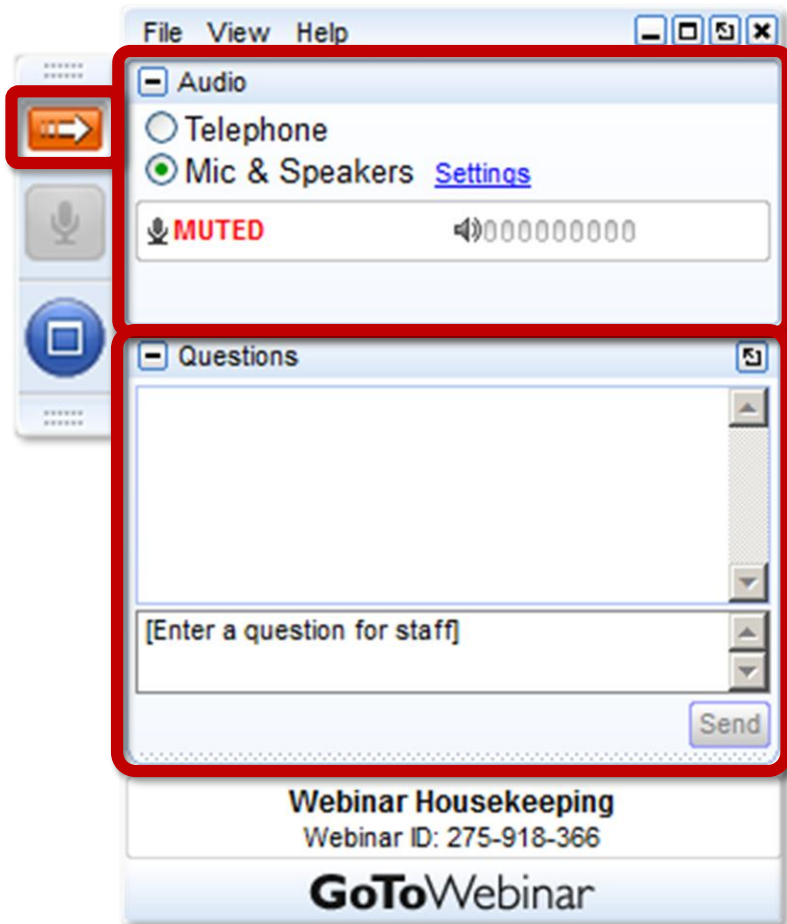


# Open Nutrition Q & A with Equine Nutritionist, Dr. Tania Cubitt



“Nutrition is the key to success”



## Your Participation

Open and close your control panel

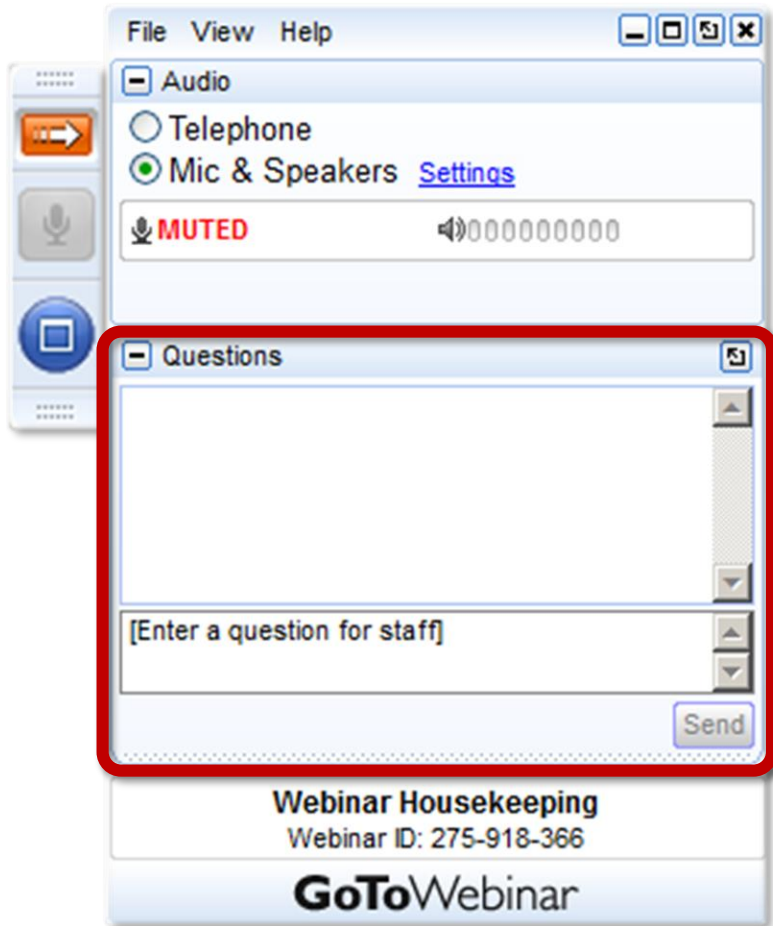
Join audio:

- Choose **Mic & Speakers** to use VoIP
- Choose **Telephone** and dial using the information provided

Submit questions and comments via the Questions panel

**Note:** Today's presentation is being recorded and will be provided within 48 hours.

“Nutrition is the key to success”



## Your Participation

- Please continue to submit your text questions and comments using the Questions panel








For more information, please contact [kstarr@standleeforage.com](mailto:kstarr@standleeforage.com).

**Note:** Today's presentation is being recorded and will be provided within 48 hours.

# HORSE VITAL SIGNS

“Nutrition is the key to success”

## Can You Identify Normal Horse Vital Signs?

<p><b>Normal Temperature</b> </p> <p>99.5 - 101.3°F</p>	<p><b>Normal Pulse</b> </p> <p>38 - 40 beats/minute</p>	<p><b>Normal Respiration</b> </p> <p>8 - 15 breaths/minute</p>	<p><b>Dehydration</b> </p> <p>Skin takes more than 2 seconds to return to place</p>	<p><b>Normal Gut Sound</b> </p> <p>Gurgling, sound of fluid dripping/tinkling</p>	<p><b>Normal Capillary Refill Time</b> </p> <p>1 - 2 seconds</p>	<p><b>Other Tips</b> </p>
<p><b>How to check:</b> The most accurate way to take a horse's temperature is rectally (dipped in lubricant), using a digital thermometer.</p> <p><b>Tips:</b></p> <ul style="list-style-type: none"> <li>• Always be sure to clean the thermometer after use</li> <li>• Exercise, stress or infections can elevate temperature</li> <li>• Leave the thermometer in long enough to avoid a false low reading</li> </ul>	<p><b>How to check:</b> There are 3 ideal areas to take your horse's pulse – under the jaw, beneath the tail at its base or an area on the side of the foot. Count for 15 seconds and multiply by 4.</p> <p><b>Tips:</b></p> <ul style="list-style-type: none"> <li>• Don't double count heartbeats</li> <li>• Foals – 70-120 beats/minute</li> <li>• Yearlings – 45-60 beats/minute</li> </ul>	<p><b>How to check:</b> Watching your horse's ribcage or nostrils for 1 minute, count 1 inhale and 1 exhale as a single breath.</p> <p><b>Tips:</b></p> <ul style="list-style-type: none"> <li>• Do not measure respiration by letting your horse sniff your hand</li> <li>• Wait for 30 minutes after exercise to check rate</li> <li>• Respiration rate should not exceed pulse rate</li> </ul>	<p><b>How to check:</b> Pinch the skin on your horse's neck or shoulder area and it should return to its normal place within 1-2 seconds.</p> <p><b>Tips:</b></p> <ul style="list-style-type: none"> <li>• Horses need 5-12 gallons of water per day in normal environments</li> <li>• In heat or with heavy exercise, horses need 15-20 gallons of water per day</li> </ul>	<p><b>How to check:</b> Place ear or a stethoscope up against horse's body, just behind the last rib, checking both sides.</p> <p><b>Tips:</b></p> <ul style="list-style-type: none"> <li>• Call the vet if there is an absence of sound, as it could indicate colic</li> </ul>	<p><b>How to check:</b> Place finger against horse's gums for 2 seconds, creating a white mark from finger pressure. The white mark should return to normal pink tone within 1-2 seconds.</p>	<ul style="list-style-type: none"> <li>• Be sure to check vital signs regularly to know what is normal, so you can identify anything abnormal</li> <li>• Do not take vital measurements on a nervous horse, to ensure accuracy</li> <li>• Call your veterinarian immediately if anything is abnormal</li> </ul>

Reference:  
Nelson and Pusterla's Equine Medical Diagnosis: A Clinical Approach, 3rd Edition, Elsevier, Amsterdam, DC, The Netherlands, 2015



**Standlee**

PREMIUM WESTERN FORAGE

standleeforage.com | 800-398-0819

### Veterinary Contact Information

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

# NUTRITIONAL RESOURCES



“Nutrition is the key to success”

[standleeforage.com](http://standleeforage.com)

HOME

PRODUCTS

NUTRITION **-**

- Why Premium Western Forage
- Nutrition Overview
- Forage Finder
- Feed Calculator
- Feeding Instructions
- Nutritional Resources**

COUPONS

BLOG

COMPANY **+**

RESOURCES **+**

FIND A STORE FORAGE FINDER FEED CALCULATOR READ THE BLOG

Search

## NUTRITIONAL RESOURCES

Standlee Premium Western Forage® creates and maintains a wealth of nutritional resources to help you maintain the nutrition of your horses. You can find those resources here.

### Nutritional Webinars

- ▶ How to Decrease Your Horse's Risk of Colic with Nutrition Management ([Watch Video Recording Now](#))
- ▶ Winter Feeding ([Watch Video Recording Now](#))
- ▶ Gastric Ulcers in Horses ([Watch Video Recording Now](#))
- ▶ Metabolic Disease Prevention and Management ([Watch Video Recording Now](#))
- ▶ What Do I Need to Know About Raising Chicks? ([Watch Video Recording Now](#))
- ▶ When Quality Hay Is In Short Supply, What Can I Feed My Horse? ([Watch Video Recording Now](#))
- ▶ Beet Pulp – What Is It and Why Do Horses Need It? ([Watch Video Recording Now](#))



Open Nutrition Q & A with Equine Nutritionist, Dr. Tania Cubitt

# Open Nutrition Q & A with Equine Nutritionist, Dr. Tania Cubitt

---



**DR. TANIA CUBITT**  
**PERFORMANCE HORSE NUTRITION**



# OUTLINE

“Nutrition is the key to success”

---

- Short Intro –  
Normal Foraging  
Behavior
- Q & A Session



# Normal Foraging Behavior



**Standlee**  
PREMIUM WESTERN FORAGE®



# EVOLUTION

“Nutrition is the key to success”

## NATURAL DIET

- Fiber-based
- Wide variety of forages
- Nibbler – small amounts
- 12-18hrs grazing
- Moving while eating
- Herd
- Eating from ground
  - Natural drainage of the respiratory tract
  - Increases chewing time
  - Prevents muscular tension in the neck & back
  - Maintains teeth alignment



## MODERN DIET

- Cereal grain-based
- Rapid intake
- Increased acidity of GI tract
- Frustration due to confinement
- Lack of socialization
- Exercise level
- Fed at chest height or higher



# FORAGE AMOUNT

“Nutrition is the key to success”

- **Absolute Minimum** = 1% of B.W.  
1000 lb horse = 10 lbs forage (DM)
- **Weight Loss** = 1.2% of B.W. 1000 lb horse = 12 lbs forage (DM)
- **Recommended Minimum** = 1.5% of B.W. 1000 lb horse = 15 lbs forage (DM)
- **Normal Forage Intake** = 1.8 to 2.5% of B.W. (DM)
- **Maximum Intake** = 3 to 3.5% of B.W. (DM)



# Poll Question

“Nutrition is the key to success”

---



# Q & A Session



**Standlee**  
PREMIUM WESTERN FORAGE®

# Poll Question

“Nutrition is the key to success”

---



# Q & A Session



**Standlee**  
PREMIUM WESTERN FORAGE®

# SUMMARY

“Nutrition is the key to success”

---

- Horses are designed to eat fiber
- Graze for around 17hrs per day
- Ensure adequate fiber intake!



# Thank you for joining us!

**For follow-up questions, please contact our customer relations:**

1-800-398-0819

[customerservice@standleeforage.com](mailto:customerservice@standleeforage.com)

For more past webinars, Nutritional White Papers, Standlee Forage Finder®, Standlee Feed Calculator™ or our Store Locator, visit:

[standleeforage.com](http://standleeforage.com)



us on Facebook @Standlee.Forage for more nutritional tips and some feel good animal posts!