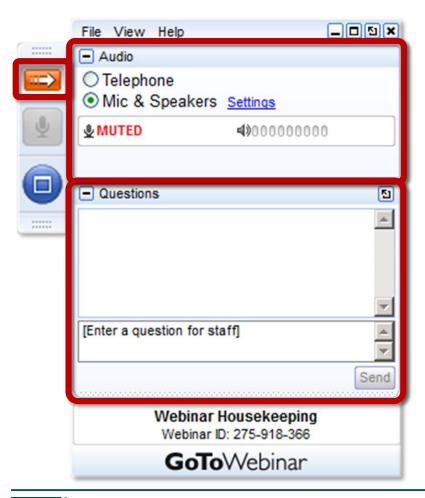






"Nutrition is the key to success"



Your Participation

Open and close your control panel

Join audio:

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

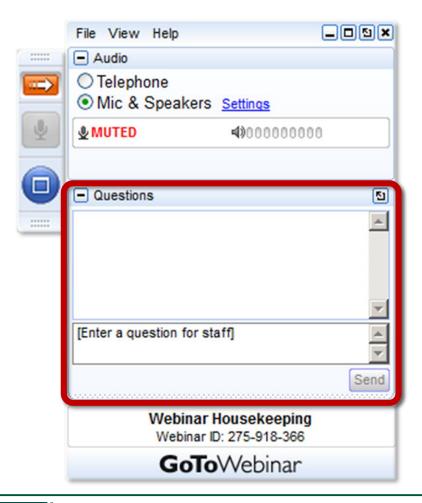
Submit questions and comments via the Questions panel

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

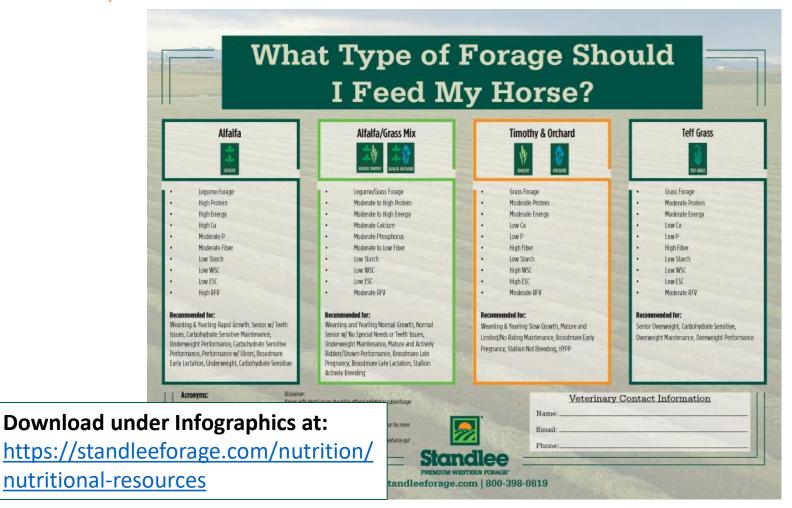
For more information, please contact kstarr@standleeforage.com.

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



WHAT TYPE OF HAY?







NUTRITIONAL RESOURCES

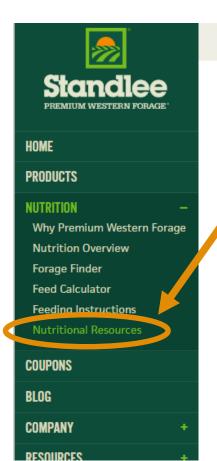


Search

"Nutrition is the key to success"

standleeforage.com

FEED CALCULATOR





FORAGE FINDER

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.

READ THE BLOG

////

Nutritional Webinars

FIND A STORE

- 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 Managment (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)



What Type of Forage Does My Horse Need? Pros and Cons of Alfalfa, Timothy, Teff, Orchard and Bermuda



Dr. Tania Cubitt
Performance Horse Nutrition







OUTLINE



- What is the age of your horse?
- What is the physiological stage or use of the horse?
- Has your horse been diagnosed with any relevant medical issues?
- What is your horse's body, weight?
- Ideal forage selection











Standle PREMIUM WESTERN FORAGE®

"Nutrition is the key to success"



Backward



FIRST POINT



- Nutritional value does not always = Quality
- Dependent on the horse being fed
- What is most appropriate
- Quality also includes
 - Consistency
 - Freshness
 - Clean
 - Availability



ALFALFA



"Nutrition is the key to success"

Typical Alfalfa Forage

- High Protein
- High Energy
- High Ca
- Moderate P
- Moderate Fiber
- Low Starch
- Low WSC
- Low ESC
- High RFV

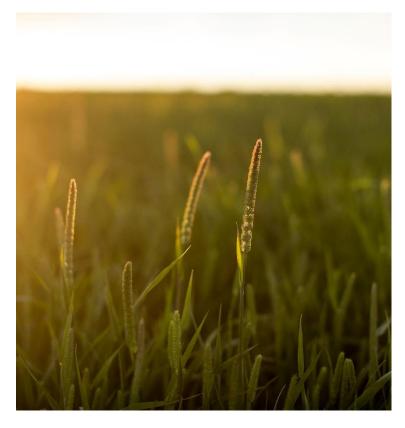




TIMOTHY GRASS



- Typical Timothy Grass Forage
 - Moderate Protein
 - Moderate Energy
 - Low Ca
 - Low P
 - High Fiber
 - Low Starch
 - High WSC
 - High ESC
 - Moderate RFV





ORCHARD GRASS



- Typical Orchard Grass Forage
 - Moderate Protein
 - Moderate Energy
 - Low Ca
 - Low P
 - High Fiber
 - Low Starch
 - High WSC
 - High ESC
 - Moderate RFV
- Higher nutrient value compared to Timothy





TEFF GRASS



"Nutrition is the key to success"

Typical Teff Grass Forage

- Moderate Protein
- Moderate Energy
- Low Ca
- Low P
- High Fiber
- Low Starch
- Low WSC
- Low ESC
- Moderate RFV





BERMUDA GRASS



"Nutrition is the key to success"

- Warm season grass
- Several varieties
 - Tifton 85
 - Russell
 - Alicia
 - Coastal
 - Tifton 44
 - Midland 99
 - Midland
 - Jiggs
 - Arizona Common
 - Cheyenne
 - Wrangler
 - Giant



- Typical "Coastal" Bermuda Grass Forage
 - Low Protein
 - Low Energy
 - Low Ca
 - Low P
 - High Fiber
 - Low Starch
 - Low WSC
 - Low ESC
 - Low RFV

Image credit: hayandforage.com



Poll Question





What is the age of the horse?





Standlee

LIFE STAGES - GROWING HORSE



"Nutrition is the key to success"

- Foal
 - Birth to weaning
- Weanling
 - 6 months to 12 months
- Yearling
 - 12 months to 24 months

FOAL



WEANLING



YEARLING





"WEANLING"

PERFORMANCE HORSE NUTRITION

"Nutrition is the key to success"

Forage Recommendation

- Rapid Growth
 - High Protein
 - High Energy
 - → Alfalfa Products
- Normal Growth
 - Moderate Protein
 - Moderate Energy
 - → Alfalfa Mix Products
- Slow Growth
 - Lower Protein
 - Lower Energy
 - → Grass Products







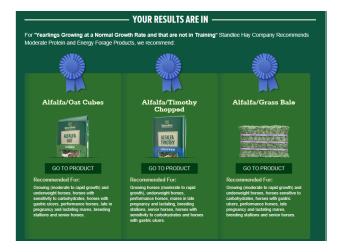
"YEARLING"



"Nutrition is the key to success"

Forage Recommendation

- Rapid Growth
 - High Protein
 - High Energy
 - → Alfalfa Products
- Normal Growth
 - Moderate Protein
 - Moderate Energy
 - → Alfalfa Mix Products
- Slow Growth
 - Lower Protein
 - Lower Energy
 - → Grass Products
- If in Training... move up one level





Visit the <u>Standlee Forage Finder®</u>



LIFE STAGES - SENIOR HORSE



- Teeth
- Digestive function
- Ability to maintain weight
- Not a certain "age"



SENIOR HORSE



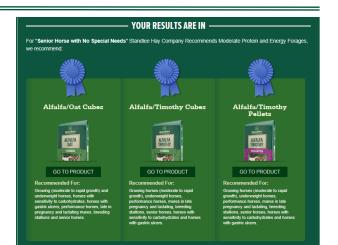
"SENIOR"



"Nutrition is the key to success"

Forage Recommendation

- No Special Needs
 - → Alfalfa Mix Products
- Underweight
 - → Alfalfa Products
- Overweight
 - → Grass Products (Teff)
- Carbohydrate Sensitive
 - → Alfalfa or Alfalfa Mix Products or Teff
- Teeth Issues (Poor or Missing Teeth)
 - → Alfalfa or Alfalfa Mix Products that have been pelleted or cubed (soaked)







Physiological Stage or Use





ACTIVITIES- MATURE HORSE



- Maintenance
- Performance
 - Many different disciplines
- Breeding
 - Broodmare
 - Pregnancy
 - Lactation
 - Stallion
 - Breeding
 - Non-Breeding



Mature Horse –

Maintenance & Performance



MATURE HORSE –
BROODMARE & STALLION



DISCIPLINES



"Nutrition is the key to success"





TRAIL RIDING







SHOW JUMPING





DISCIPLINES



"Nutrition is the key to success"



BARREL RACING

WESTERN





RACING

GAITED





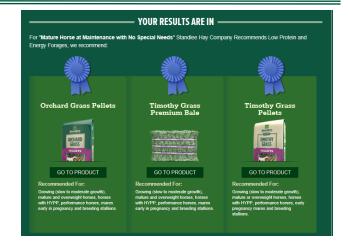
"MAINTENANCE"

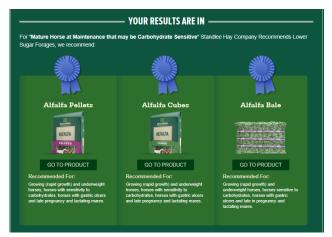


"Nutrition is the key to success"

Forage Recommendation

- Mature, limited or no riding, no reproduction
 - Low Energy
 - Low Protein
 - → Grass Products
- Underweight
 - → Alfalfa Products
- Overweight
 - → Grass Products (Teff)
- Carbohydrate Sensitive
 - → Alfalfa Products
- HYPP
 - → Grass Products







"PERFORMANCE"



"Nutrition is the key to success"

Forage Recommendation

- Mature, actively ridden or shown
 - Moderate Energy
 - Moderate Protein
 - → Alfalfa Mix Products
- Underweight
 - → Alfalfa Products
- Overweight
 - → Grass Products (Teff)
- Carbohydrate Sensitive
 - → Alfalfa Products
- Ulcers
 - High Ca
 - → Alfalfa Products







"Broodmare"



"Nutrition is the key to success"

Forage Recommendation

- Pregnant or Lactation
 - Early Pregnancy (0-4 Months)
 - → Grass Products
 - Late Pregnancy (5-Term)
 - → Alfalfa Mix Products
 - Early Lactation (0-3 Months)
 - → Alfalfa Products
 - Late Lactation (4-Wean)
 - → Alfalfa Mix Products







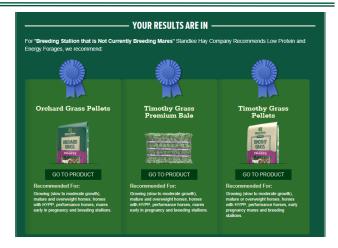
"STALLION"

PERFORMANCE HORSE NUTRITION

"Nutrition is the key to success"

Forage Recommendation

- Not Currently Breeding Mares (Off-Season)
 - Low Protein
 - Low Energy
 - → Grass Products
- Actively Breeding Mares
 - Higher Protein
 - Higher Energy
 - → Alfalfa Mix Products







Poll Question





Diagnosed Medical Issue?





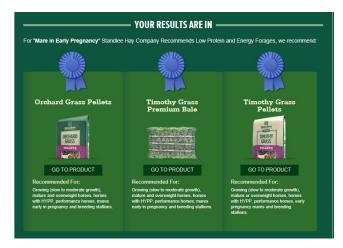
MEDICAL ISSUES



"Nutrition is the key to success"

Forage Recommendation

- Underweight
 - → Alfalfa Products
- Overweight
 - → Grass Products (Teff)
- Carbohydrate Sensitive
 - → Alfalfa Products
 - → Grass Products (Teff)
- HYPP
 - → Grass Products







What is the horse's body weight or condition?



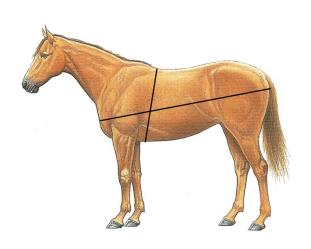


ESTIMATING BODY WEIGHT



- Scale
- Weight tape
- Simple equation
 - Girth (in) x girth (in) x length (in)/330 = wt (lbs)







EMACIATED (BCS 1)









VERY THIN (BCS 2)







THIN (BCS 3)





MODERATELY THIN (BCS 4)





Moderate (BCS 5)





MODERATELY FLESHY (BCS 6)







FLESHY (BCS 7)







FAT (BCS 8)





EXTREMELY FAT (BCS 9)





Poll Question





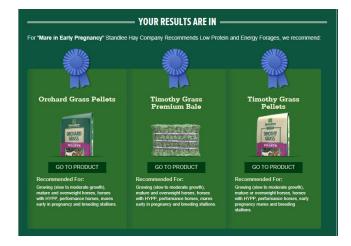
BODY CONDITION



"Nutrition is the key to success"

Forage Recommendation

- Underweight
 - → Alfalfa Products
- Overweight
 - → Grass Products (Teff)





Visit the <u>Standlee Forage Finder®</u>



FORAGE AMOUNTS



- 1% of body weight is minimum
- 1.2% of body weight for weight loss
- 1.5% of body weight is recommended
- Normal intake is 2 2.5%
- Maximum intake is 3 3.5%

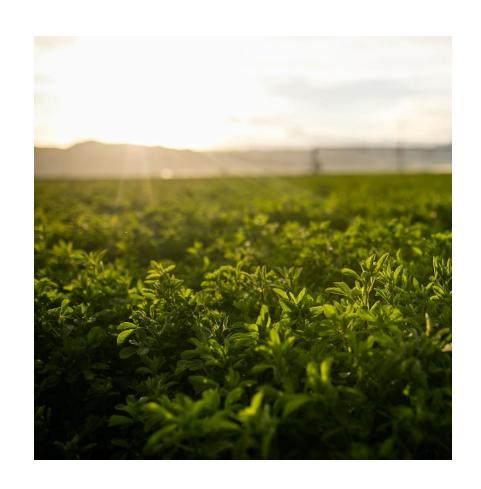




SUMMARY

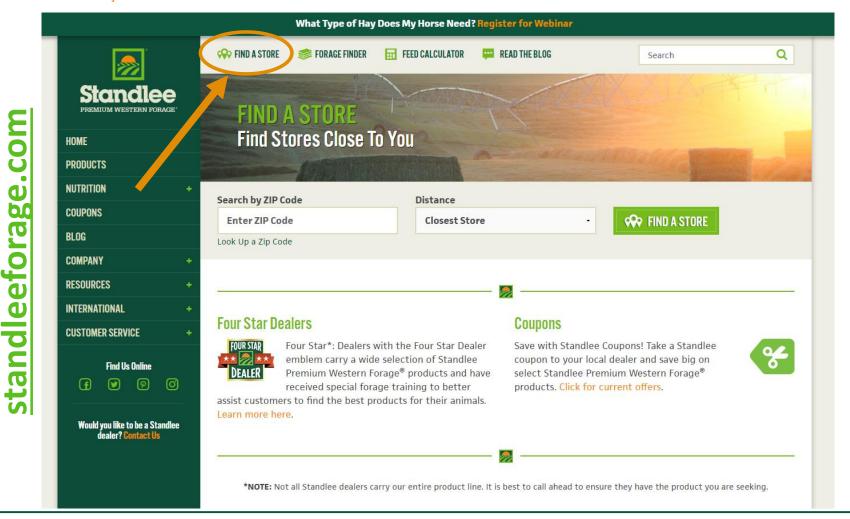


- Answer questions
- Choose forages based on individuals
- Feed enough forage
- Standlee website to find retailers
 - "Find A Store"





"Nutrition is the key to success"



STANDLEE STORE LOCATOR



Q & A Session





Standlee
PREMIUM WESTERN FORAGE



Thank you for joining us!

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

1-800-398-0819

customerservice@standleeforage.com

Grown For The Life We Love™ - Share Your Story! standleeforage.com/standlee-barn-bulletin/one-seed

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

standleeforage.com

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