



## HAY & FORAGE TESTING SERVICES

		Hays			Forages		
		Grass	Legume	Mixed	Haylage	Fermented Corn	Unfermented Corn
<b>Legend of Potential Parameters</b>							
<b>Prices</b>		<b>\$30</b>	<b>\$30</b>	<b>\$30</b>	<b>\$30</b>	<b>\$30</b>	<b>\$30</b>
DM	Dry Matter	X	X	X	X	X	X
CP	Crude Protein	X	X	X	X	X	X
ADF	Acid Detergent Fiber	X	X	X	X	X	X
aNDF	Neutral Detergent Fiber	X	X	X	X	X	X
Ca	Calcium	X	X	X	X	X	
P	Phosphorous	X	X	X	X	X	
K	Potassium	X	X	X	X	X	
Mg	Magnesium	X	X	X	X	X	
dNDF24	Digestible Neutral Detergent Fiber in 24 hours						X
IVTDMD24	In Vitro True Dry Matter Digestibility in 24 hours						X
NDFD24	Neutral Detergent Fiber Digestibility in 24 hours						X
dNDF30	Digestible Neutral Detergent Fiber in 30 hours	X	X		X	X	X
IVTDMD30	In Vitro True Dry Matter Digestibility in 30 hours	X	X		X	X	X
NDFD30	Neutral Detergent Fiber Digestibility in 30 hours	X	X		X	X	X
dNDF48	Digestible Neutral Detergent Fiber in 48 hours	X	X	X	X	X	X
IVTDMD48	In Vitro True Dry Matter Digestibility in 48 hours	X	X	X	X	X	X
NDFD48	Neutral Detergent Fiber Digestibility in 48 hours	X	X	X	X	X	X
FAT	FAT	X	X	X	X	X	
Lignin	Lignin	X	X	X	X	X	
Starch	Starch	X	X	X	X	X	X
ESC	Ethanol Soluble Carbohydrates	X	X	X	X	X	X
WSC	Water Soluble Carbohydrates	X	X	X	X	X	X
Ash	Ash	X	X	X	X	X	
Fructan	Fructan	X		X			
ADICP	Acid Detergent Insoluble Crude Protein				X	X	X
NDICP	Neutral Detergent Insoluble Crude Protein				X	X	X
InsolCP	Insoluble Crude Protein				X	X	X
NEL	Net Energy Lactation	X	X	X	X	X	X
NEM	Net Energy of Maintenance	X	X	X	X	X	X
NEG	Net Energy of Gain	X	X	X	X	X	X
RFV	Relative Feed Value	X	X	X	X	X	X
RFQ	Relative Forage Quality	X	X	X	X	X	X
FQI	Feed Quality Index						
TDN	Total Digestible Nutrients	X	X	X	X	X	X

\*Refer to page 2 for more detail regarding sample matrices.

## Potential Hay Matrices

Grass/Hay	Legume Hay	Mixed Hay
Alfalfa/Grass	Alfalfa	Alfalfa/Grass
Alfalfa/Oats	Canola	Alfalfa (Lower lignin and sugar)
Bahia	Clovers (Red, white, Arrow, Misc)	Alfalfa/Oats
Bermudagrass	Cowpea	Bahia
Big Bluestem	Lespedeza	Bermudagrass
Brome	Pea	Big Bluestem
Clover/Grass	Peanut	Brassicac
Coastal Bermudagrass	Soybean	Brome
Common Bermudagrass	Sainfain	Clover/Grass
Crabgrass		Coastal Bermudagrass
Crested wheatgrass/brome		Common Bermudagrass
Dwarf forage sorghum		Crested Wheatgrass/Brome
Endophyte-free fescue		Fescue
Fescue		Fescue/Alfalfa
Fescue/Alfalfa		Fescue/Clovers
Fescue/Clovers		Fescue/Weeds
Fescue/Weeds		Indiangrass (Forage to Dormant)
Forage Sorghum		Little Bluestem
Indiangrass (Forage to Dormant)		Millet
Little Bluestem		Mixed Grasses
Millet		Oats
Mixed grasses		Orchardgrass
Oats		Pea/Grass
Orchard Grass		Rye
Pea/Grass		Ryegrass (Per and Ann)
Pearl Millet		Sorghum
Quackgrass		Sorghum Sudangrass
Rye		Straw
Rye Grass		Sudangrass
Sorghum		Switchgrass
Sorghum Sudangrass		Teff
Straw		Timothy
		Triticale
		Wheat

## Potential Forage Matrices

Haylage (ensiled/fermented)	Fermented Corn Silage	Unfermented Corn Silage
Alfalfa	BMR Traits	BMR Traits
Forage Cut to all Stages	Forage Cut to all Stages	Forage Cut to all Stages
Legumes	Lightly Fermented	Fresh Cut
Mixed Species	Some Unfermented Corn silage	
Grass	Strong Fermented	
Grass and Legume Mixtures	Sweet Corn Silage	
Red Clover		
Ryegrass		
Small Grain Silages		
Oatlage		
Pearl Millet		
Sorghum		
Wheatlage		
Small Grain Silage Mixtures		