

NO CHECK



KENTUCKY DEPARTMENT OF AGRICULTURE
DR. RYAN F. QUARLES, Commissioner • Forage Testing Program
107 Corporate Drive, Frankfort, KY 40601 • kyagr.com • 502-782-9210

OFFICE USE ONLY

Per ☐ # _____
MO ☐ Date / /
Co ☐ \$ _____

FORAGE SAMPLE ANALYSIS REQUEST

Producer's Name University of Kentucky CKF County Fayette
Mailing Address North Farm 1995 Research Farm Farm Name North Farm
City Lexington State KY ZIP Code 40511
Telephone Number 857 509 2284 Email jess@pkb.uky.edu

LOT INFORMATION

Lot Number 1
Sampler _____
Date Harvested 06/24/2025
Initial Tons 35
Produced _____
Purchased _____
Sample Date 7/2/2025

Type of Forage – Check all that apply			
Small Grain	Legume Hay	Grass Hay	Mixed Hay (Leg/Grass)
Wheat <input type="checkbox"/>	Alfalfa <input type="checkbox"/>	Bermuda <input type="checkbox"/>	Alfalfa-Orchard <input type="checkbox"/>
Other <input type="checkbox"/>	Clover <input type="checkbox"/>	Fescue <input checked="" type="checkbox"/>	Alfalfa-Timothy <input type="checkbox"/>
		Orchard <input type="checkbox"/>	Alfalfa-Grass <input type="checkbox"/>
		Sudan/Sudex <input type="checkbox"/>	Clover-Grass <input type="checkbox"/>
Cornstalk Hay <input type="checkbox"/>	Haylage	Teff <input type="checkbox"/>	Lespedeza-Grass <input type="checkbox"/>
Soybean Hay <input type="checkbox"/>	Legume <input type="checkbox"/>	Timothy <input type="checkbox"/>	Other <input type="checkbox"/>
Other <input type="checkbox"/>	Grass <input type="checkbox"/>	Wheat <input type="checkbox"/>	
	Mixed <input type="checkbox"/>	Other <input type="checkbox"/>	
	Small Grain <input type="checkbox"/>		

LIST ALL COMMENTS REGARDING SAMPLE HERE:

IS THIS HAY FOR SALE? NO ☐ YES ☐

PLEASE COMPLETE THIS SECTION; REQUIRED IF FORAGE IS "FOR SALE" / OPTIONAL "NOT FOR SALE"

Cutting Date _____
Date Baled _____
Cutting No. _____
Bale Size _____
Bale Weight _____
No. of Bales _____
Storage Type _____

Foreign Matter% _____
Foreign Matter Identity _____ ☐ None
Injurious Foreign Matter _____ ☐ None
Preservatives _____ ☐ None
Drying Agents _____ ☐ None
Rain Damage Yes ☐ No ☐

COLOR:

☐ Lt-Green
☐ Green
☐ Dk-Green
☐ 5-10% Bleach
☐ 10-15% Bleach
☐ Hv-Win Bleach
☐ Lt-Rain
☐ Mod-Rain
☐ Bleach
☐ Haylage

STEM TEXTURE:

☐ Coarse-Hard
☐ Coarse-Med
☐ Coarse-Soft
☐ Med-Hard
☐ Med-Med
☐ Med-Soft
☐ Fine-Hard
☐ Fine-Med
☐ Fine-Soft
☐ Haylage

MATURITY STAGE:

GRASS
☐ Vegetative
☐ Early Head
☐ Head
☐ Bloom
☐ Seed
☐ Haylage

STEM/LEAF

☐ Excellent
☐ Good
☐ Fair
☐ Poor

MOLD

☐ Lt-Cure-Discolor
☐ Lt-Brown-Cure
☐ Dk-Brown-Cure
☐ White-Mold
☐ None

LEAF RETENTION:

☐ 90%
☐ 75-90%
☐ Mod-Shatter
☐ Hv-Shatter
☐ Haylage

ODOR:

☐ Fresh
☐ Bland
☐ Dull
☐ Lt-Musty
☐ Mold
☐ Haylage

LEGUME:

☐ Prebud
☐ Prebloom
☐ 5% Bloom
☐ 10% Bloom
☐ 15% Bloom
☐ 25% Bloom
☐ 50% Bloom
☐ Full Bloom
☐ Haylage

RECEIVED JUL 21 2025

- **How to Pull a Core Sample:** <http://foragetesting.org> / Click on "Certified Sampler" icon.
- **Size:** Minimum Quart size baggie or more.
- **Mail samples in a timely manner:** Haylage should be expedited due to mold issue; do not send on a Friday.
 - **Samples:** Samples can be dropped off between 8:00am to 4:00 pm, Monday – Friday.
 - **Forms:** Use a separate form for each sample submitted for testing.
 - **Payment must be submitted with samples:** Enclose a \$10.00 check or money order (do not send cash) per sample or one check per person or group - payable to "Kentucky State Treasurer".
 - **Mail to:** Kentucky Department of Agriculture / Forage Testing Program / 107 Corporate Drive, Frankfort KY 40601

For office use only:

Before Weight

After Weight

Revised: 07/30/2019

continued ►

39.8

34.4

KENTUCKY DEPT OF AGRICULTURE
FORAGE TESTING PROGRAM
111 CORPORATE DRIVE
FRANKFORT, KENTUCKY 40601
1-800-248-4628

NIR ANALYSIS REPORT

SAMPLE NUMBER 01709
SAMPLE TYPE gh
SAMPLE ID UK 01 Fescue
DATE PROCESSED 07/24/2025

Fescue cut 06/24/2025 35 ton

	-ANALYSIS-	
	AS RECEIVED BASIS -----	DRY MATTER BASIS -----
MOISTURE, %	14.22	14.22
DRY MATTER, %	85.78	85.78
CRUDE PROTEIN, %	5.62	6.55
HEAT DAM. PROTEIN, %	0.00	0.00
AVAILABLE PROTEIN, %	6.52	7.60
DEG. PROTEIN EST., %	3.26	3.80
ACID DET. FIBER, %	41.74	48.66
NEUT. DET. FIBER, %	66.06	77.01
TDN EST., %	33.06	38.54
TDNHORSE, %	33.60	39.17
ENE EST., THERMS/CWT	25.16	29.33
NE/LACT, MCAL/LB	0.30	0.36
NE/MAINT, MCAL/LB	0.21	0.25
NE/GAIN, MCAL/LB	0.01	0.01
RELATIVE FEED VALUE (RFV)	52.84	61.60



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OFFICE USE ONLY

Per ☐ # _____
MO ☐ Date 1 / 1 /
Co ☐ \$ _____

FORAGE SAMPLE ANALYSIS REQUEST

Producer's Name University of Kentucky, CKF County Fayette
Mailing Address 1995 Research Farm Rd Farm Name North Farm
City Lexington State KY ZIP Code 40511
Telephone Number 859 509 2284 Email jwooper@uky.edu

LOT INFORMATION

Lot Number 2
Sampler _____
Date Harvested 06/24/2025
Initial Tons 35
Produced _____
Purchased _____
Sample Date 7/21/2025

Type of Forage - Check all that apply			
Small Grain	Legume Hay	Grass Hay	Mixed Hay (Leg/Grass)
Wheat <input type="checkbox"/>	Alfalfa <input type="checkbox"/>	Bermuda <input type="checkbox"/>	Alfalfa-Orchard <input type="checkbox"/>
Other <input type="checkbox"/>	Clover <input type="checkbox"/>	Fescue <input checked="" type="checkbox"/>	Alfalfa-Timothy <input type="checkbox"/>
		Orchard <input type="checkbox"/>	Alfalfa-Grass <input type="checkbox"/>
		Sudan/Sudex <input type="checkbox"/>	Clover-Grass <input type="checkbox"/>
Haylage		Teff <input type="checkbox"/>	Lespedeza-Grass <input type="checkbox"/>
Cornstalk Hay <input type="checkbox"/>	Legume <input type="checkbox"/>	Timothy <input type="checkbox"/>	Other <input type="checkbox"/>
Soybean Hay <input type="checkbox"/>	Grass <input type="checkbox"/>	Wheat <input type="checkbox"/>	
Other <input type="checkbox"/>	Mixed <input type="checkbox"/>	Other <input type="checkbox"/>	
	Small Grain <input type="checkbox"/>		

LIST ALL COMMENTS REGARDING SAMPLE HERE:

IS THIS HAY FOR SALE? NO ☐ YES ☐

PLEASE COMPLETE THIS SECTION; REQUIRED IF FORAGE IS "FOR SALE" / OPTIONAL "NOT FOR SALE"

Cutting Date _____
Date Baled _____
Cutting No. _____
Bale Size _____
Bale Weight _____
No. of Bales _____
Storage Type _____

Foreign Matter% _____
Foreign Matter Identity _____
Injurious Foreign Matter _____
Preservatives _____
Drying Agents _____
Rain Damage Yes ☐ No ☐

☐ None
☐ None
☐ None
☐ None

COLOR:
☐ Lt-Green
☐ Green
☐ Dk-Green
☐ 5-10% Bleach
☐ 10-15% Bleach
☐ Hv-Win Bleach
☐ Lt-Rain
☐ Mod-Rain
☐ Bleach
☐ Haylage

STEM TEXTURE:
☐ Coarse-Hard
☐ Coarse-Med
☐ Coarse-Soft
☐ Med-Hard
☐ Med-Med
☐ Med-Soft
☐ Fine-Hard
☐ Fine-Med
☐ Fine-Soft
☐ Haylage

MATURITY STAGE:
GRASS
☐ Vegetative
☐ Early Head
☐ Head
☐ Bloom
☐ Seed
☐ Haylage

STEM/LEAF
☐ Excellent
☐ Good
☐ Fair
☐ Poor

MOLD
☐ Lt-Cure-Discolor
☐ Lt-Brown-Cure
☐ Dk-Brown-Cure
☐ White-Mold
☐ None

LEAF RETENTION:
☐ 90%
☐ 75-90%
☐ Mod-Shatter
☐ Hv-Shatter
☐ Haylage

ODOR:
☐ Fresh
☐ Bland
☐ Dull
☐ Lt-Musty
☐ Mold
☐ Haylage

LEGUME:
☐ Prebud
☐ Prebloom
☐ 5% Bloom
☐ 10% Bloom
☐ 15% Bloom
☐ 25% Bloom
☐ 50% Bloom
☐ Full Bloom
☐ Haylage

RECEIVED JUL 21 2025

- How to Pull a Core Sample: <http://foragetesting.org> / Click on "Certified Sampler" icon.
- Size: Minimum Quart size baggie or more.
- Mail samples in a timely manner: Haylage should be expedited due to mold issue; do not send on a Friday.
Samples: Samples can be dropped off between 8:00am to 4:00 pm, Monday – Friday.
Forms: Use a separate form for each sample submitted for testing.
Payment must be submitted with samples: Enclose a \$10.00 check or money order (do not send cash) per sample or one check per person or group - payable to "Kentucky State Treasurer".
Mail to: Kentucky Department of Agriculture / Forage Testing Program / 107 Corporate Drive, Frankfort KY 40601

For office use only: Before Weight _____ After Weight _____ Revised: 07/30/2019

50.0

46.4

continued ▶

KENTUCKY DEPT OF AGRICULTURE
 FORAGE TESTING PROGRAM
 111 CORPORATE DRIVE
 FRANKFORT, KENTUCKY 40601
 1-800-248-4628

NIR ANALYSIS REPORT

SAMPLE NUMBER 01710
 SAMPLE TYPE gh
 SAMPLE ID UK 02 Fescue
 DATE PROCESSED 07/24/2025

Fescue cut 06/24/2025 35 ton

	-ANALYSIS-	
	AS RECEIVED BASIS -----	DRY MATTER BASIS -----
MOISTURE,%	12.60	12.60
DRY MATTER,%	87.40	87.40
CRUDE PROTEIN,%	6.28	7.19
HEAT DAM. PROTEIN,%	0.00	0.00
AVAILABLE PROTEIN,%	7.29	8.34
DEG. PROTEIN EST.,%	3.47	3.97
ACID DET. FIBER,%	42.76	48.92
NEUT. DET. FIBER,%	62.52	71.53
TDN EST.,%	33.39	38.21
TDNHORSE,%	34.66	39.65
ENE EST.,THERMS/CWT	25.36	29.01
NE/LACT,MCAL/LB	0.31	0.35
NE/MAINT,MCAL/LB	0.21	0.24
NE/GAIN,MCAL/LB	0.01	0.01
RELATIVE FEED VALUE (RFV)	57.74	66.06



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Per ☐ # _____
MO ☐ Date ____/____/____
Co ☐ \$ _____

FORAGE SAMPLE ANALYSIS REQUEST

Producer's Name University of Kentucky CKF County Fayette
Mailing Address 1995 Research Farm Rd Farm Name North Farm
City Lexington State KY ZIP Code 40511
Telephone Number 859 509 2284 Email jess@uky.edu

LOT INFORMATION

Lot Number 3
Sampler _____
Date Harvested 6/24/2015
Initial Tons 35
Produced 8
Purchased _____
Sample Date 7/21/2015

Type of Forage - Check all that apply			
Small Grain	Legume Hay	Grass Hay	Mixed Hay (Leg/Grass)
Wheat <input type="checkbox"/>	Alfalfa <input type="checkbox"/>	Bermuda <input type="checkbox"/>	Alfalfa-Orchard <input type="checkbox"/>
Other <input type="checkbox"/>	Clover <input type="checkbox"/>	Fescue <input checked="" type="checkbox"/>	Alfalfa-Timothy <input type="checkbox"/>
		Orchard <input type="checkbox"/>	Alfalfa-Grass <input type="checkbox"/>
		Sudan/Sudex <input type="checkbox"/>	Clover-Grass <input type="checkbox"/>
Haylage		Teff <input type="checkbox"/>	Lespedeza-Grass <input type="checkbox"/>
Cornstalk Hay <input type="checkbox"/>	Legume <input type="checkbox"/>	Timothy <input type="checkbox"/>	Other <input type="checkbox"/>
Soybean Hay <input type="checkbox"/>	Grass <input type="checkbox"/>	Wheat <input type="checkbox"/>	
Other <input type="checkbox"/>	Mixed <input type="checkbox"/>	Other <input type="checkbox"/>	
	Small Grain <input type="checkbox"/>		

LIST ALL COMMENTS REGARDING SAMPLE HERE:

IS THIS HAY FOR SALE? NO ☐ YES ☐

PLEASE COMPLETE THIS SECTION; REQUIRED IF FORAGE IS "FOR SALE" / OPTIONAL "NOT FOR SALE"

Cutting Date _____
Date Baled _____
Cutting No. _____
Bale Size _____
Bale Weight _____
No. of Bales _____
Storage Type _____

Foreign Matter% _____
Foreign Matter Identity _____
Injurious Foreign Matter _____
Preservatives _____
Drying Agents _____
Rain Damage Yes ☐ No ☐

☐ None
☐ None
☐ None
☐ None

COLOR:

☐ Lt-Green
☐ Green
☐ Dk-Green
☐ 5-10% Bleach
☐ 10-15% Bleach
☐ Hv-Win Bleach
☐ Lt-Rain
☐ Mod-Rain
☐ Bleach
☐ Haylage

STEM TEXTURE:

☐ Coarse-Hard
☐ Coarse-Med
☐ Coarse-Soft
☐ Med-Hard
☐ Med-Med
☐ Med-Soft
☐ Fine-Hard
☐ Fine-Med
☐ Fine-Soft
☐ Haylage

MATURITY STAGE:

GRASS
☐ Vegetative
☐ Early Head
☐ Head
☐ Bloom
☐ Seed
☐ Haylage

STEM/LEAF

☐ Excellent
☐ Good
☐ Fair
☐ Poor

LEAF RETENTION:

☐ 90%
☐ 75-90%
☐ Mod-Shatter
☐ Hv-Shatter
☐ Haylage

ODOR:

☐ Fresh
☐ Bland
☐ Dull
☐ Lt-Musty
☐ Mold
☐ Haylage

LEGUME:

☐ Prebud
☐ Prebloom
☐ 5% Bloom
☐ 10% Bloom
☐ 15% Bloom
☐ 25% Bloom
☐ 50% Bloom
☐ Full Bloom
☐ Haylage

MOLD

☐ Lt-Cure-Discolor
☐ Lt-Brown-Cure
☐ Dk-Brown-Cure
☐ White-Mold
☐ None

RECEIVED JUL 21 2015

- How to Pull a Core Sample: <http://foragetesting.org> / Click on "Certified Sampler" icon.
- Size: Minimum Quart size baggie or more.
- Mail samples in a timely manner: Haylage should be expedited due to mold issue; do not send on a Friday.
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 - Mail to: Kentucky Department of Agriculture / Forage Testing Program / 107 Corporate Drive, Frankfort KY 40601

For office use only:

Before Weight

After Weight

Revised: 07/30/2019

continued ▶

44.4

41.2

KENTUCKY DEPT OF AGRICULTURE
FORAGE TESTING PROGRAM
111 CORPORATE DRIVE
FRANKFORT, KENTUCKY 40601
1-800-248-4628

NIR ANALYSIS REPORT

SAMPLE NUMBER 01711
SAMPLE TYPE gh
SAMPLE ID UK 03 Fescue
DATE PROCESSED 07/24/2025

Fescue cut 06/24/2025 35 ton

	-ANALYSIS-	
	AS RECEIVED BASIS -----	DRY MATTER BASIS -----
MOISTURE,%	12.55	12.55
DRY MATTER,%	87.45	87.45
CRUDE PROTEIN,%	7.79	8.91
HEAT DAM. PROTEIN,%	0.00	0.00
AVAILABLE PROTEIN,%	9.03	10.33
DEG. PROTEIN EST.,%	4.75	5.43
ACID DET. FIBER,%	42.55	48.65
NEUT. DET. FIBER,%	60.89	69.62
TDN EST.,%	33.71	38.55
TDNHORSE,%	35.81	40.95
ENE EST.,THERMS/CWT	25.66	29.34
NE/LACT,MCAL/LB	0.31	0.36
NE/MAINT,MCAL/LB	0.22	0.25
NE/GAIN,MCAL/LB	0.01	0.01
RELATIVE FEED VALUE (RFV)	59.59	68.14



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Per ☐ # _____
MO ☐ Date / /
Co ☐ \$ _____

FORAGE SAMPLE ANALYSIS REQUEST

Producer's Name University of Kentucky CKF County Fayette
Mailing Address 195 Research Farm Rd Farm Name North Farm
City Coxington State KY ZIP Code 40511
Telephone Number 859 509 8224 Email jesse.parker@ky.edu

LOT INFORMATION

Lot Number 4
Sampler _____
Date Harvested 7/24/2025
Initial Tons 135
Produced _____
Purchased _____
Sample Date 7/21/2025

Type of Forage - Check all that apply			
Small Grain	Legume Hay	Grass Hay	Mixed Hay (Leg/Grass)
Wheat <input type="checkbox"/>	Alfalfa <input type="checkbox"/>	Bermuda <input type="checkbox"/>	Alfalfa-Orchard <input type="checkbox"/>
Other <input type="checkbox"/>	Clover <input type="checkbox"/>	Fescue <input checked="" type="checkbox"/>	Alfalfa-Timothy <input type="checkbox"/>
		Orchard <input type="checkbox"/>	Alfalfa-Grass <input type="checkbox"/>
		Sudan/Sudex <input type="checkbox"/>	Clover-Grass <input type="checkbox"/>
Haylage		Teff <input type="checkbox"/>	Lespedeza-Grass <input type="checkbox"/>
Cornstalk Hay <input type="checkbox"/>	Legume <input type="checkbox"/>	Timothy <input type="checkbox"/>	Other <input type="checkbox"/>
Soybean Hay <input type="checkbox"/>	Grass <input type="checkbox"/>	Wheat <input type="checkbox"/>	
Other <input type="checkbox"/>	Mixed <input type="checkbox"/>	Other <input type="checkbox"/>	
	Small Grain <input type="checkbox"/>		

LIST ALL COMMENTS REGARDING SAMPLE HERE:

IS THIS HAY FOR SALE? NO ☐ YES ☐

PLEASE COMPLETE THIS SECTION; REQUIRED IF FORAGE IS "FOR SALE" / OPTIONAL "NOT FOR SALE"

Cutting Date _____
Date Baled _____
Cutting No. _____
Bale Size _____
Bale Weight _____
No. of Bales _____
Storage Type _____

Foreign Matter% _____
Foreign Matter Identity _____
Injurious Foreign Matter _____
Preservatives _____
Drying Agents _____
Rain Damage Yes ☐ No ☐

☐ None
☐ None
☐ None
☐ None

COLOR:

☐ Lt-Green
☐ Green
☐ Dk-Green
☐ 5-10% Bleach
☐ 10-15% Bleach
☐ Hv-Win Bleach
☐ Lt-Rain
☐ Mod-Rain
☐ Bleach
☐ Haylage

STEM TEXTURE:

☐ Coarse-Hard
☐ Coarse-Med
☐ Coarse-Soft
☐ Med-Hard
☐ Med-Med
☐ Med-Soft
☐ Fine-Hard
☐ Fine-Med
☐ Fine-Soft
☐ Haylage

MATURITY STAGE:

GRASS
☐ Vegetative
☐ Early Head
☐ Head
☐ Bloom
☐ Seed
☐ Haylage

STEM/LEAF

☐ Excellent
☐ Good
☐ Fair
☐ Poor

MOLD

☐ Lt-Cure-Discolor
☐ Lt-Brown-Cure
☐ Dk-Brown-Cure
☐ White-Mold
☐ None

LEAF RETENTION:

☐ 90%
☐ 75-90%
☐ Mod-Shatter
☐ Hv-Shatter
☐ Haylage

ODOR:

☐ Fresh
☐ Bland
☐ Dull
☐ Lt-Musty
☐ Mold
☐ Haylage

LEGUME:

☐ Prebud
☐ Prebloom
☐ 5% Bloom
☐ 10% Bloom
☐ 15% Bloom
☐ 25% Bloom
☐ 50% Bloom
☐ Full Bloom
☐ Haylage

RECEIVED JUL 21 2025

- How to Pull a Core Sample: <http://foragetesting.org> / Click on "Certified Sampler" icon.
- Size: Minimum Quart size baggie or more.
- Mail samples in a timely manner: Haylage should be expedited due to mold issue; do not send on a Friday.
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 - Mail to: Kentucky Department of Agriculture / Forage Testing Program / 107 Corporate Drive, Frankfort KY 40601

For office use only:

Before Weight

After Weight

Revised: 07/30/2018

continued ▶

45.5

45.5

41.9

KENTUCKY DEPT OF AGRICULTURE
FORAGE TESTING PROGRAM
111 CORPORATE DRIVE
FRANKFORT, KENTUCKY 40601
1-800-248-4628

NIR ANALYSIS REPORT

SAMPLE NUMBER 01712
SAMPLE TYPE gh
SAMPLE ID UK 04 Fescue
DATE PROCESSED 07/24/2025

Fescue cut 06/24/2025 35 ton

	AS RECEIVED BASIS -----	DRY MATTER BASIS -----
MOISTURE, %	14.68	14.68
DRY MATTER, %	85.32	85.32
CRUDE PROTEIN, %	6.85	8.03
HEAT DAM. PROTEIN, %	0.00	0.00
AVAILABLE PROTEIN, %	7.95	9.31
DEG. PROTEIN EST., %	3.47	4.07
ACID DET. FIBER, %	42.02	49.25
NEUT. DET. FIBER, %	66.58	78.04
TDN EST., %	32.23	37.77
TDNHORSE, %	34.37	40.29
ENE EST., THERMS/CWT	24.40	28.59
NE/LACT, MCAL/LB	0.30	0.35
NE/MAINT, MCAL/LB	0.20	0.24
NE/GAIN, MCAL/LB	0.00	0.00
RELATIVE FEED VALUE (RFV)	51.39	60.23



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Per ☐ # _____
MO ☐ Date / /
Co ☐ \$ _____

FORAGE SAMPLE ANALYSIS REQUEST

Producer's Name University of Kentucky, CKF County Fayette
Mailing Address 195 Research Farm Rd Farm Name North Farm
City Lexington State KY ZIP Code 40511
Telephone Number 859 509 2284 Email joequarles@kyagr.com

LOT INFORMATION

Lot Number 5
Sampler _____
Date Harvested 6/24/2025
Initial Tons 35
Produced _____
Purchased _____
Sample Date 7/21/2025

Type of Forage - Check all that apply			
Small Grain	Legume Hay	Grass Hay	Mixed Hay (Leg/Grass)
Wheat <input type="checkbox"/>	Alfalfa <input type="checkbox"/>	Bermuda <input type="checkbox"/>	Alfalfa-Orchard <input type="checkbox"/>
Other <input type="checkbox"/>	Clover <input type="checkbox"/>	Fescue <input checked="" type="checkbox"/>	Alfalfa-Timothy <input type="checkbox"/>
		Orchard <input type="checkbox"/>	Alfalfa-Grass <input type="checkbox"/>
		Sudan/Sudex <input type="checkbox"/>	Clover-Grass <input type="checkbox"/>
		Teff <input type="checkbox"/>	Lespedeza-Grass <input type="checkbox"/>
		Timothy <input type="checkbox"/>	Other <input type="checkbox"/>
		Wheat <input type="checkbox"/>	
		Other <input type="checkbox"/>	
Haylage			
Cornstalk Hay <input type="checkbox"/>	Legume <input type="checkbox"/>		
Soybean Hay <input type="checkbox"/>	Grass <input type="checkbox"/>		
Other <input type="checkbox"/>	Mixed <input type="checkbox"/>		
	Small Grain <input type="checkbox"/>		

LIST ALL COMMENTS REGARDING SAMPLE HERE:

IS THIS HAY FOR SALE? NO ☐ YES ☐

PLEASE COMPLETE THIS SECTION; REQUIRED IF FORAGE IS "FOR SALE" / OPTIONAL "NOT FOR SALE"

Cutting Date _____
Date Baled _____
Cutting No. _____
Bale Size _____
Bale Weight _____
No. of Bales _____
Storage Type _____

Foreign Matter% _____
Foreign Matter Identity _____
Injurious Foreign Matter _____
Preservatives _____
Drying Agents _____
Rain Damage Yes ☐ No ☐

☐ None
☐ None
☐ None
☐ None

COLOR:

☐ Lt-Green
☐ Green
☐ Dk-Green
☐ 5-10% Bleach
☐ 10-15% Bleach
☐ Hv-Win Bleach
☐ Lt-Rain
☐ Mod-Rain
☐ Bleach
☐ Haylage

STEM TEXTURE:

☐ Coarse-Hard
☐ Coarse-Med
☐ Coarse-Soft
☐ Med-Hard
☐ Med-Med
☐ Med-Soft
☐ Fine-Hard
☐ Fine-Med
☐ Fine-Soft
☐ Haylage

MATURITY STAGE:

GRASS
☐ Vegetative
☐ Early Head
☐ Head
☐ Bloom
☐ Seed
☐ Haylage

STEM/LEAF

☐ Excellent
☐ Good
☐ Fair
☐ Poor

LEAF RETENTION:

☐ 90%
☐ 75-90%
☐ Mod-Shatter
☐ Hv-Shatter
☐ Haylage

ODOR:

☐ Fresh
☐ Bland
☐ Dull
☐ Lt-Musty
☐ Mold
☐ Haylage

LEGUME:

☐ Prebud
☐ Prebloom
☐ 5% Bloom
☐ 10% Bloom
☐ 15% Bloom
☐ 25% Bloom
☐ 50% Bloom
☐ Full Bloom
☐ Haylage

MOLD

☐ Lt-Cure-Discolor
☐ Lt-Brown-Cure
☐ Dk-Brown-Cure
☐ White-Mold
☐ None

RECEIVED JUL 21 2025

- How to Pull a Core Sample: <http://foragetesting.org> / Click on "Certified Sampler" icon.
- Size: Minimum Quart size baggie or more.
- Mail samples in a timely manner: Haylage should be expedited due to mold issue; do not send on a Friday.

- Samples: Samples can be dropped off between 8:00am to 4:00 pm, Monday - Friday.
- Forms: Use a separate form for each sample submitted for testing.
- Payment must be submitted with samples: Enclose a \$10.00 check or money order (do not send cash) per sample or one check per person or group - payable to "Kentucky State Treasurer".
- Mail to: Kentucky Department of Agriculture / Forage Testing Program / 107 Corporate Drive, Frankfort KY 40601

For office use only:

Before Weight _____

After Weight _____

Revised: 07/30/2019

continued ►

47.3

44.1

KENTUCKY DEPT OF AGRICULTURE
FORAGE TESTING PROGRAM
111 CORPORATE DRIVE
FRANKFORT, KENTUCKY 40601
1-800-248-4628

NIR ANALYSIS REPORT

SAMPLE NUMBER 01713
SAMPLE TYPE gh
SAMPLE ID UK 05 Fescue
DATE PROCESSED 07/24/2025

Fescue cut 06/24/2025 35 ton

	AS RECEIVED BASIS -----	DRY MATTER BASIS -----
MOISTURE,%	13.49	13.49
DRY MATTER,%	86.51	86.51
CRUDE PROTEIN,%	4.89	5.66
HEAT DAM. PROTEIN,%	0.00	0.00
AVAILABLE PROTEIN,%	5.68	6.56
DEG. PROTEIN EST.,%	1.81	2.09
ACID DET. FIBER,%	45.57	52.67
NEUT. DET. FIBER,%	71.09	82.17
TDN EST.,%	28.87	33.37
TDNHORSE,%	33.60	38.84
ENE EST., THERMS/CWT	21.08	24.36
NE/LACT, MCAL/LB	0.26	0.29
NE/MAINT, MCAL/LB	0.14	0.16
NE/GAIN, MCAL/LB	0.07	0.08
RELATIVE FEED VALUE (RFV)	46.88	54.19



KENTUCKY DEPARTMENT OF AGRICULTURE
DR. RYAN F. QUARLES, Commissioner • Forage Testing Program
107 Corporate Drive, Frankfort, KY 40601 • kyagr.com • 502-782-9210

OFFICE USE ONLY

Per ☐ # _____
MO ☐ Date / /
Co ☐ \$ _____

FORAGE SAMPLE ANALYSIS REQUEST

Producer's Name University of Kentucky CKF County Fayette
Mailing Address 195 Research Farm Rd Farm Name North Farm
City Lexington State KY ZIP Code 40511
Telephone Number 8595092284 Email joseph.ckf@uky.edu

LOT INFORMATION

Lot Number _____
Sampler _____
Date Harvested 6/24/2025
Initial Tons 35
Produced _____
Purchased _____
Sample Date 7/21/2025

Type of Forage - Check all that apply			
Small Grain	Legume Hay	Grass Hay	Mixed Hay (Leg/Grass)
Wheat <input type="checkbox"/>	Alfalfa <input type="checkbox"/>	Bermuda <input type="checkbox"/>	Alfalfa-Orchard <input type="checkbox"/>
Other <input type="checkbox"/>	Clover <input type="checkbox"/>	Fescue <input checked="" type="checkbox"/>	Alfalfa-Timothy <input type="checkbox"/>
		Orchard <input type="checkbox"/>	Alfalfa-Grass <input type="checkbox"/>
		Sudan/Sudex <input type="checkbox"/>	Clover-Grass <input type="checkbox"/>
		Teff <input type="checkbox"/>	Lespedeza-Grass <input type="checkbox"/>
		Timothy <input type="checkbox"/>	Other <input type="checkbox"/>
		Wheat <input type="checkbox"/>	
		Other <input type="checkbox"/>	
Haylage			
Cornstalk Hay <input type="checkbox"/>	Legume <input type="checkbox"/>		
Soybean Hay <input type="checkbox"/>	Grass <input type="checkbox"/>		
Other <input type="checkbox"/>	Mixed <input type="checkbox"/>		
	Small Grain <input type="checkbox"/>		

LIST ALL COMMENTS REGARDING SAMPLE HERE:

IS THIS HAY FOR SALE? NO ☐ YES ☐

PLEASE COMPLETE THIS SECTION; REQUIRED IF FORAGE IS "FOR SALE" / OPTIONAL "NOT FOR SALE"

Cutting Date _____
Date Baled _____
Cutting No. _____
Bale Size _____
Bale Weight _____
No. of Bales _____
Storage Type _____

Foreign Matter% _____
Foreign Matter Identity _____ ☐ None
Injurious Foreign Matter _____ ☐ None
Preservatives _____ ☐ None
Drying Agents _____ ☐ None
Rain Damage Yes ☐ No ☐

COLOR:

☐ Lt-Green
☐ Green
☐ Dk-Green
☐ 5-10% Bleach
☐ 10-15% Bleach
☐ Hv-Win Bleach
☐ Lt-Rain
☐ Mod-Rain
☐ Bleach
☐ Haylage

STEM TEXTURE:

☐ Coarse-Hard
☐ Coarse-Med
☐ Coarse-Soft
☐ Med-Hard
☐ Med-Med
☐ Med-Soft
☐ Fine-Hard
☐ Fine-Med
☐ Fine-Soft
☐ Haylage

MATURITY STAGE:

GRASS
☐ Vegetative
☐ Early Head
☐ Head
☐ Bloom
☐ Seed
☐ Haylage

STEM/LEAF

☐ Excellent
☐ Good
☐ Fair
☐ Poor

MOLD

☐ Lt-Cure-Discolor
☐ Lt-Brown-Cure
☐ Dk-Brown-Cure
☐ White-Mold
☐ None

LEAF RETENTION:

☐ 90%
☐ 75-90%
☐ Mod-Shatter
☐ Hv-Shatter
☐ Haylage

ODOR:

☐ Fresh
☐ Bland
☐ Dull
☐ Lt-Musty
☐ Mold
☐ Haylage

LEGUME:

☐ Prebud
☐ Prebloom
☐ 5% Bloom
☐ 10% Bloom
☐ 15% Bloom
☐ 25% Bloom
☐ 50% Bloom
☐ Full Bloom
☐ Haylage

RECEIVED JUL 21 2025

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For office use only:

Before Weight _____

After Weight _____

Revised: 07/30/2019

continued ►

36.9

34.5

KENTUCKY DEPT OF AGRICULTURE
FORAGE TESTING PROGRAM
111 CORPORATE DRIVE
FRANKFORT, KENTUCKY 40601
1-800-248-4628

NIR ANALYSIS REPORT

SAMPLE NUMBER 01714
SAMPLE TYPE gh
SAMPLE ID UK 06 Fescue
DATE PROCESSED 07/24/2025

Fescue cut 06/24/2025 35 ton

	-ANALYSIS-	
	AS RECEIVED BASIS -----	DRY MATTER BASIS -----
MOISTURE, %	13.26	13.26
DRY MATTER, %	86.74	86.74
CRUDE PROTEIN, %	5.79	6.67
HEAT DAM. PROTEIN, %	0.00	0.00
AVAILABLE PROTEIN, %	6.71	7.74
DEG. PROTEIN EST., %	3.03	3.49
ACID DET. FIBER, %	42.34	48.81
NEUT. DET. FIBER, %	68.49	78.96
TDN EST., %	33.26	38.34
TDNHORSE, %	34.06	39.26
ENE EST., THERMS/CWT	25.28	29.14
NE/LACT, MCAL/LB	0.31	0.35
NE/MAINT, MCAL/LB	0.21	0.25
NE/GAIN, MCAL/LB	0.01	0.01
RELATIVE FEED VALUE (RFV)	51.99	59.93