

GALUSHA FARMS
STEVE BERNING
27W 271 GALUSHA RD
WARRENVILLE IL 60555

ACCOUNT NO: 36571
SALESMAN: TOM SLATER

===== SAMPLE NO. ===== DATE ANALYZED =====
HAY GM1HEP0811S3BL1RB-S 1665187 06/29/21
=====

MOISTURE	9.80%	DRY MATTER	90.20%
CRUDE PROT	10.77%	CALCIUM	0.87%
SOLUBLE PROT	22.63%	PHOSPHORUS	0.19%
		MAGNESIUM	0.30%
		POTASSIUM	1.66%
ADF	35.89%	CHLORIDE	0.58%
NDF	57.91%	SULFUR	0.15%
		SODIUM	0.03%
ADIP (HD)	0.81%		
LIGNIN	5.09%	ZINC	17 PPM
		COPPER	5 PPM
FAT	1.79%	IRON	132 PPM
STARCH	3.08%	MANGANESE	35 PPM

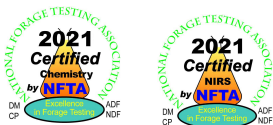
ASH 6.91%

CALCULATIONS

IVDMD	62.71%	NFC	26.35
NDFD-30	52.81%		
		NEL	0.64 MCAL/LB
		NEM	0.53 MCAL/LB
		NEG	0.28 MCAL/LB
		TDN	62.4
		RFV	98
		RFQ	122.3

NSC % 10.68

ALL VALUES, EXCEPT MOISTURE, ARE ON A 100% DRY MATTER BASIS.



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===== SAMPLE NO. ===== DATE ANALYZED =====
HAY GM1EOP612W2T1585BS7 1665188 06/29/21
=====

MOISTURE	9.32%	DRY MATTER	90.68%
CRUDE PROT	13.67%	CALCIUM	0.60%
SOLUBLE PROT	25.31%	PHOSPHORUS	0.26%
		MAGNESIUM	0.22%
		POTASSIUM	2.39%
ADF	33.77%	CHLORIDE	0.24%
NDF	55.56%	SULFUR	0.15%
		SODIUM	0.01%
ADIP (HD)	0.67%		
LIGNIN	3.80%	ZINC	21 PPM
		COPPER	5 PPM
FAT	1.85%	IRON	351 PPM
STARCH	2.68%	MANGANESE	37 PPM

ASH 7.13%

		CALCULATIONS	
IVDMD	68.78%	NFC	26.34
NDFD-30	63.64%		
		NEL	0.66 MCAL/LB
		NEM	0.59 MCAL/LB
NITRATE-N PPM	39	NEG	0.33 MCAL/LB
		TDN	64.1
		RFV	105
		RFQ	146.8
NSC %	9.98		

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===== SAMPLE NO. ===== DATE ANALYZED =====
HAY GM1SJP0811S3BL145I1 1665189 06/29/21
=====

MOISTURE	8.36%	DRY MATTER	91.64%
CRUDE PROT	12.76%	CALCIUM	0.82%
SOLUBLE PROT	17.82%	PHOSPHORUS	0.15%
		MAGNESIUM	0.33%
		POTASSIUM	2.14%
ADF	32.15%	CHLORIDE	1.05%
NDF	57.91%	SULFUR	0.23%
		SODIUM	0.01%
ADIP (HD)	0.73%		
LIGNIN	4.46%	ZINC	22 PPM
		COPPER	7 PPM
FAT	2.96%	IRON	130 PPM
STARCH	3.35%	MANGANESE	88 PPM

ASH 6.23%

CALCULATIONS

IVDMD	63.36%	NFC	25.44
NDFD-30	58.02%	NEL	0.69 MCAL/LB
NITRATE-N PPM	26	NEM	0.60 MCAL/LB
		NEG	0.34 MCAL/LB
		TDN	66.5
		RFV	103
		RFQ	147.4
NSC %	10.05		

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===== SAMPLE NO. ===== DATE ANALYZED =====
HAY AM1MARS1016W1R30B25 1665190 06/29/21
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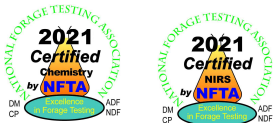
MOISTURE	16.00%	DRY MATTER	84.00%
CRUDE PROT	19.00%	CALCIUM	1.51%
SOLUBLE PROT	33.86%	PHOSPHORUS	0.31%
		MAGNESIUM	0.40%
		POTASSIUM	2.57%
ADF	29.80%	CHLORIDE	0.54%
NDF	38.86%	SULFUR	0.21%
		SODIUM	0.02%
ADIP (HD)	0.95%		
LIGNIN	5.33%	ZINC	31 PPM
		COPPER	9 PPM
FAT	1.50%	IRON	136 PPM
STARCH	2.11%	MANGANESE	36 PPM

ASH 9.04%

CALCULATIONS

IVDMD	75.64%	NFC	34.61
NDFD-30	66.16%	NEL	0.69 MCAL/LB
		NEM	0.63 MCAL/LB
NITRATE-N PPM	107	NEG	0.36 MCAL/LB
		TDN	66.8
		RFV	157
		RFQ	204.2
NSC %	10.11		

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===== SAMPLE NO. ===== DATE ANALYZED =====
HAY M1APP0812S4T1W1BL25 1665191 06/29/21
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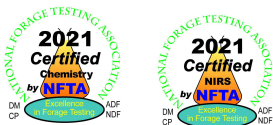
MOISTURE	10.05%	DRY MATTER	89.96%
CRUDE PROT	9.99%	CALCIUM	0.75%
SOLUBLE PROT	19.90%	PHOSPHORUS	0.13%
		MAGNESIUM	0.29%
		POTASSIUM	1.78%
ADF	34.12%	CHLORIDE	0.84%
NDF	60.05%	SULFUR	0.13%
		SODIUM	0.01%
ADIP (HD)	0.87%		
LIGNIN	4.92%	ZINC	20 PPM
		COPPER	6 PPM
FAT	2.25%	IRON	660 PPM
STARCH	3.12%	MANGANESE	54 PPM

ASH 6.23%

CALCULATIONS

IVDMD	61.25%	NFC	25.43
NDFD-30	55.55%	NEL	0.66 MCAL/LB
NITRATE-N PPM	22	NEM	0.56 MCAL/LB
		NEG	0.31 MCAL/LB
		TDN	64.4
		RFV	97
		RFQ	128.1
NSC %	11.42		

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HAY GM1SJP0811S3BL145IL 1665192 06/29/21
=====

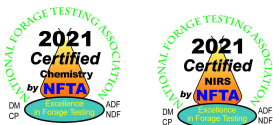
MOISTURE	7.65%	DRY MATTER	92.36%
CRUDE PROT	11.98%	CALCIUM	0.65%
SOLUBLE PROT	16.80%	PHOSPHORUS	0.18%
		MAGNESIUM	0.29%
		POTASSIUM	2.26%
ADF	32.96%	CHLORIDE	0.98%
NDF	59.08%	SULFUR	0.21%
		SODIUM	0.00%
ADIP (HD)	0.61%		
LIGNIN	4.04%	ZINC	22 PPM
		COPPER	6 PPM
FAT	2.68%	IRON	160 PPM
STARCH	3.21%	MANGANESE	48 PPM

ASH 5.70%

CALCULATIONS

IVDMD	62.84%	NFC	25.52
NDFD-30	56.96%	NEL	0.68 MCAL/LB
NITRATE-N PPM	41	NEM	0.58 MCAL/LB
		NEG	0.33 MCAL/LB
		TDN	65.6
		RFV	100
		RFQ	142.7
NSC %	10.41		

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HAY GM1KFS812S4BL1T150A 1665193 06/29/21
=====

MOISTURE	8.01%	DRY MATTER	91.99%
CRUDE PROT	13.41%	CALCIUM	0.83%
SOLUBLE PROT	16.07%	PHOSPHORUS	0.24%
		MAGNESIUM	0.33%
		POTASSIUM	1.93%
ADF	29.55%	CHLORIDE	0.87%
NDF	52.66%	SULFUR	0.17%
		SODIUM	0.02%
ADIP (HD)	0.57%		
LIGNIN	3.91%	ZINC	26 PPM
		COPPER	7 PPM
FAT	2.27%	IRON	117 PPM
STARCH	3.07%	MANGANESE	30 PPM

ASH 5.68%

		CALCULATIONS	
IVDMD	70.16%	NFC	30.80
NDFD-30	66.65%	NEL	0.71 MCAL/LB
NITRATE-N PPM	35	NEM	0.66 MCAL/LB
		NEG	0.39 MCAL/LB
		TDN	68.9
		RFV	116
		RFQ	171.6
NSC %	12.77		

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===== SAMPLE NO. ===== DATE ANALYZED =====
HAY G1SGSW11723R30B360E 1665194 06/29/21
=====

MOISTURE	13.52%	DRY MATTER	86.48%
CRUDE PROT	13.45%	CALCIUM	0.45%
SOLUBLE PROT	19.31%	PHOSPHORUS	0.28%
		MAGNESIUM	0.19%
		POTASSIUM	2.25%
ADF	31.17%	CHLORIDE	0.73%
NDF	57.16%	SULFUR	0.20%
		SODIUM	0.00%
ADIP (HD)	0.54%		
LIGNIN	2.78%	ZINC	22 PPM
		COPPER	5 PPM
FAT	2.33%	IRON	252 PPM
STARCH	2.06%	MANGANESE	74 PPM

ASH 7.21%

CALCULATIONS

IVDMD	68.63%	NFC	25.41
NDFD-30	64.64%	NEL	0.69 MCAL/LB
		NEM	0.63 MCAL/LB
NITRATE-N PPM	25	NEG	0.37 MCAL/LB
		TDN	67.0
		RFV	105
		RFQ	152.8
NSC %	11.36		

ALL VALUES, EXCEPT MOISTURE, ARE ON A 100% DRY MATTER BASIS.

